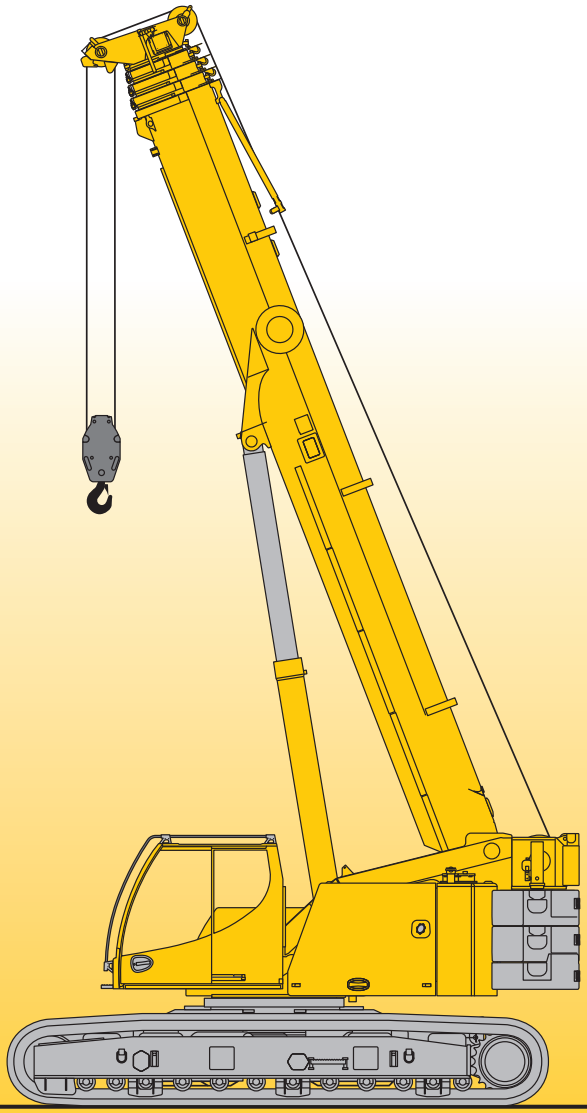
Telescopic Crawler Crane
Grue télescopique sur chenilles

LTR 1060

Technical Data
Caractéristiques techniques



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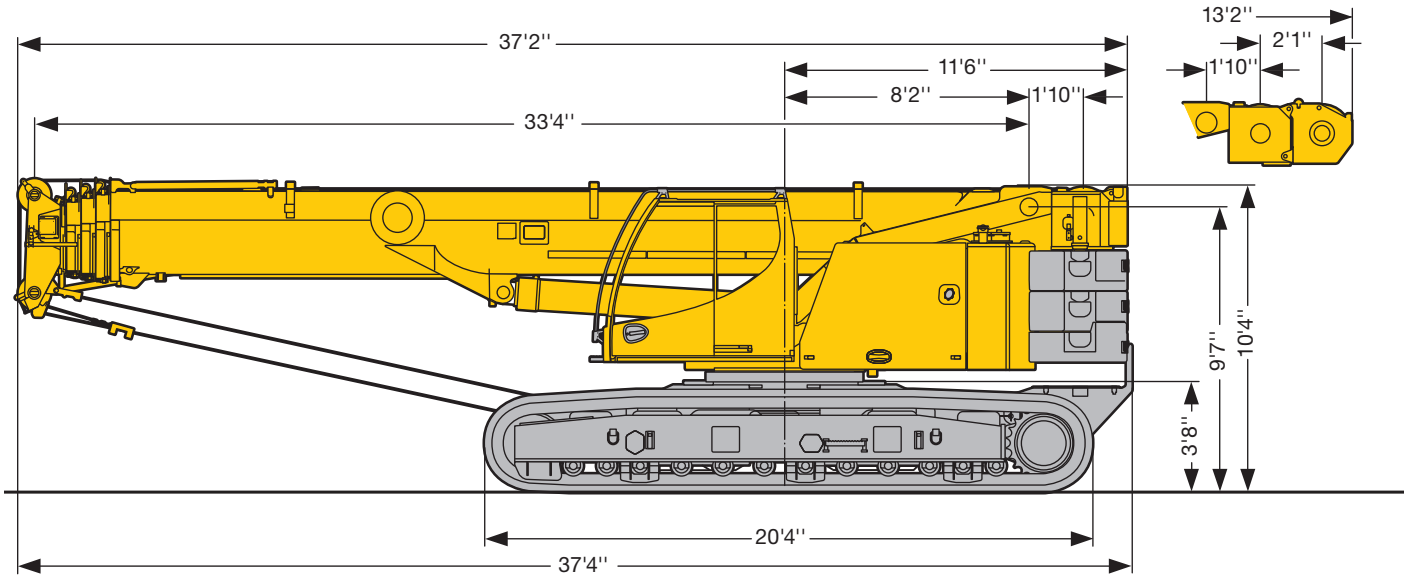
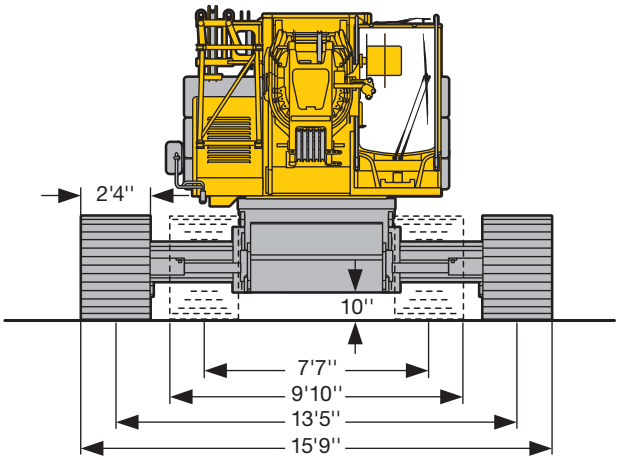
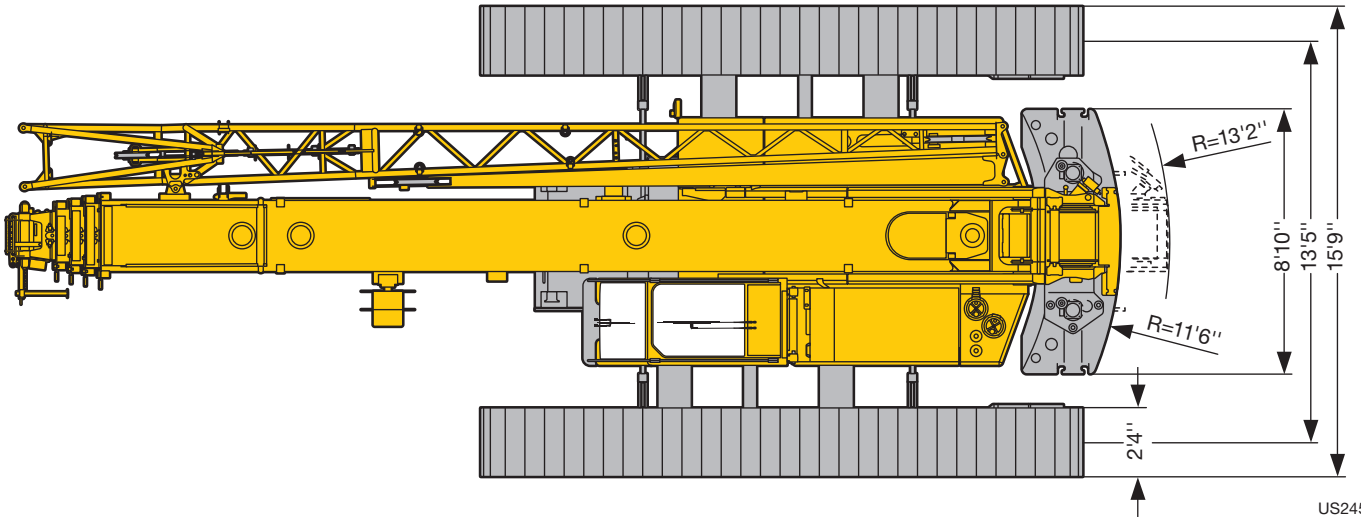
Dimensions
Encombrement







US2456.01

Crane data
Dates de la grue

	Total driving force Puissance propulsive totale	92200 lbs
	Total weight with 34400 lbs counterweight, 22050 lbs central ballast and 3-sheave hook block Poids total avec contrepoids de 34400 lbs, lest central de 22050 lbs et moufle à crochet à 3 poulies	138000 lbs
	Average ground pressure at 138000 lbs total weight and with 2'4" track pads Pression au sol moyenne pour un poids total de 138000 lbs et des tuiles de 2'4"	11.95 lbs/inch²
	Travel speeds Vitesses de translation	0 – 1.9 mph
	Max. permissible gradability Pente admissible maxi.	46 %

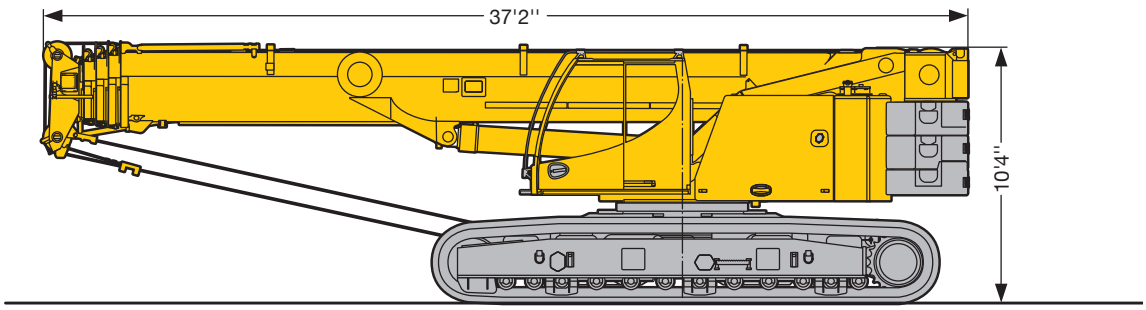
Drive Mécanismes	infinitely variable en continu	Rope diameter / length Diamètre / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 364 ft/min single line ft/min au brin simple	0.59" / 722 ft	10100 lbs
	0 – 364 ft/min single line ft/min au brin simple	0.59" / 722 ft	10100 lbs
	0 – 1.7 rpm		
	approx. 55 seconds to reach 84° boom angle env. 55 s jusqu'à 84°		
	approx. 240 seconds for boom extension from 33 ft – 131 ft env. 240 s pour passer de 33 ft – 131 ft		

Load kips Forces de levage kips	No. of sheaves Poulies · Pulegge	No. of lines Brins	Weight lbs Poids lbs
132.3	7	14	882
101.6	5	11	882
66.5	3	7	572
29.5	1	3	396
9.9	–	1	165

Transportation plan
Plan de transport

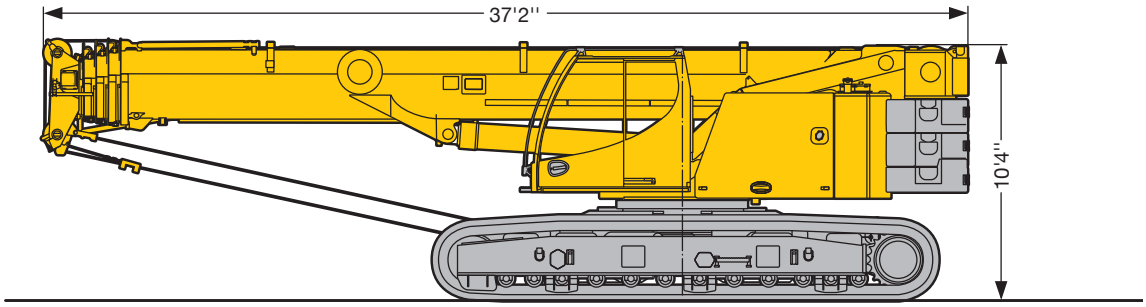
With slewing platform counterweight and centre counterweight · Avec contrepoids de la partie tournante et contrepoids central
Width · Largeur 9'10"

138000 lbs



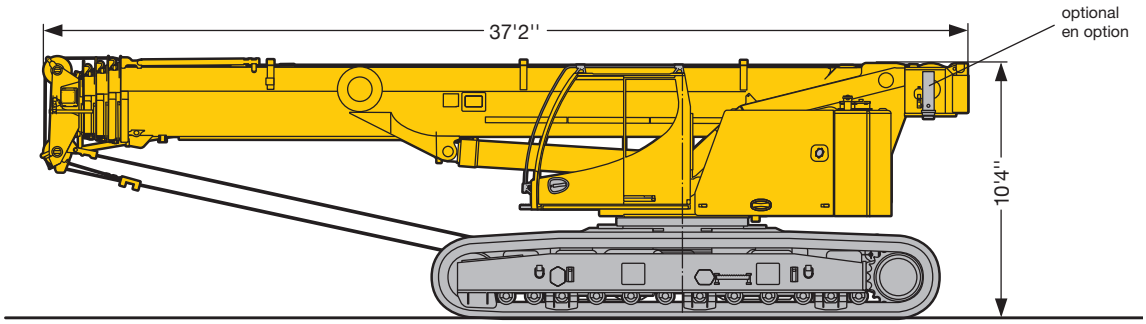
With slewing platform counterweight and without centre counterweight · Avec contrepoids de la partie tournante sans contrepoids central
Width · Largeur 9'10"

115740 lbs



Without slewing platform counterweight and without centre counterweight · Sans contrepoids de la partie tournante et sans contrepoids central
Width · Largeur 9'10"

82675 lbs



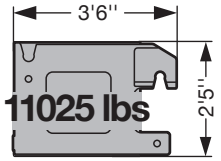
US2399.01

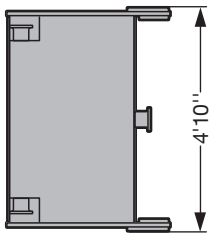
Transportation plan
Plan de transport

Counterweight versions
Variantes de contrepoids

Center counterweight
Contrepoids de base

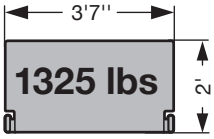
(2 x)

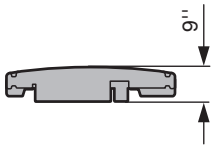




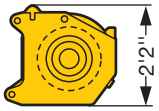
Part A / Partie A
Replacement ballast for winch 2
Contrepoids de remplacement
pour le treuil 2

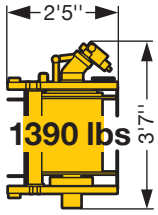
(1 x)





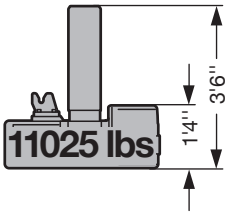
Winch 2 incl. rope
Treuil 2 incl. câble

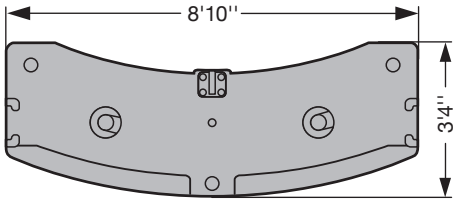




Part B / Partie B
Counterweight slabs
Contrepoids de la partie tournante

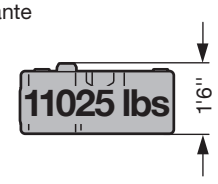
(1 x)

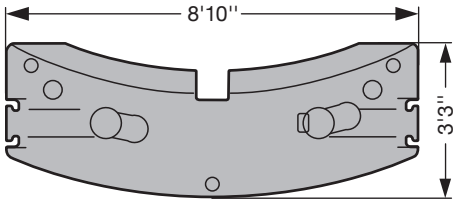




Part C / Partie C
Counterweight slabs
Contrepoids de la partie tournante

(2 x)





US2408

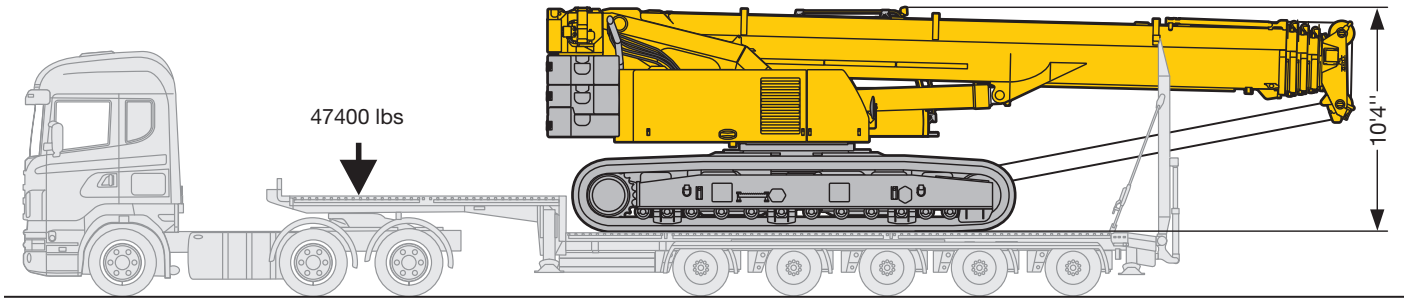
	Part A / Partie A à 1325 lbs	Part B / Partie B à 11025 lbs	Part C / Partie C à 11025 lbs
12350 lbs*	1 x	1 x	–
23375 lbs	1 x	1 x	1 x
34400 lbs	1 x	1 x	2 x

* standard · standard

Examples for transportation
Exemples de transport

Example A · Exemple A:

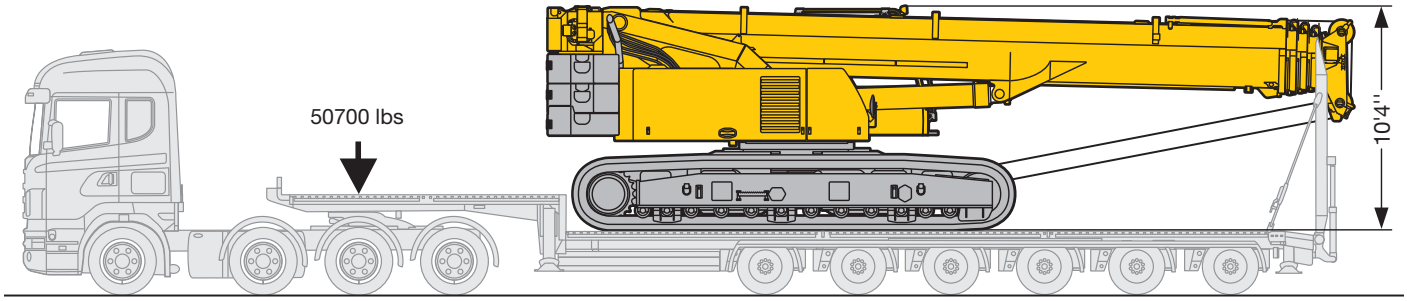
Total weight · Poids total: 138000 lbs
Width · Largeur: 9'10"



≤ 26400 lbs ≤ 26400 lbs ≤ 26400 lbs ≤ 26400 lbs ≤ 26400 lbs

Example B · Exemple B:

Total weight · Poids total: 138000 lbs
Width · Largeur: 9'10"



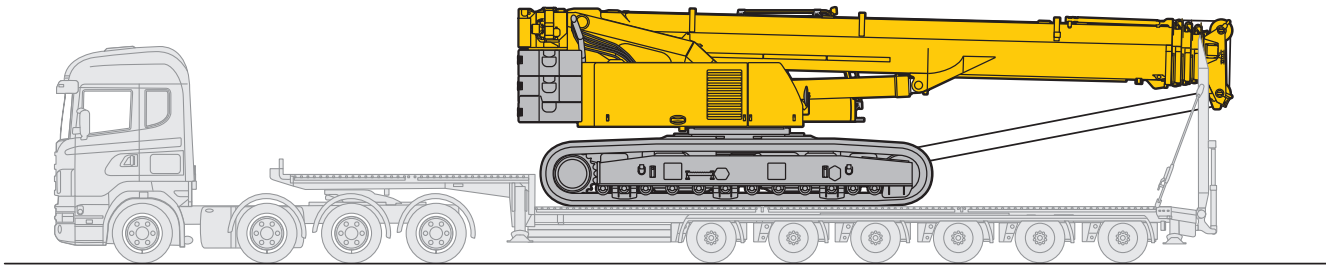
≤ 22050 lbs ≤ 22050 lbs ≤ 22050 lbs ≤ 22050 lbs ≤ 22050 lbs ≤ 22050 lbs

US2402

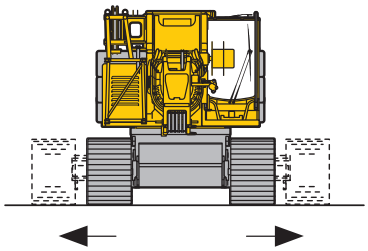
Transportation plan
Plan de transport

Total weight · Poids total: 138000 lbs
Width · Largeur: 9'10"

1



2



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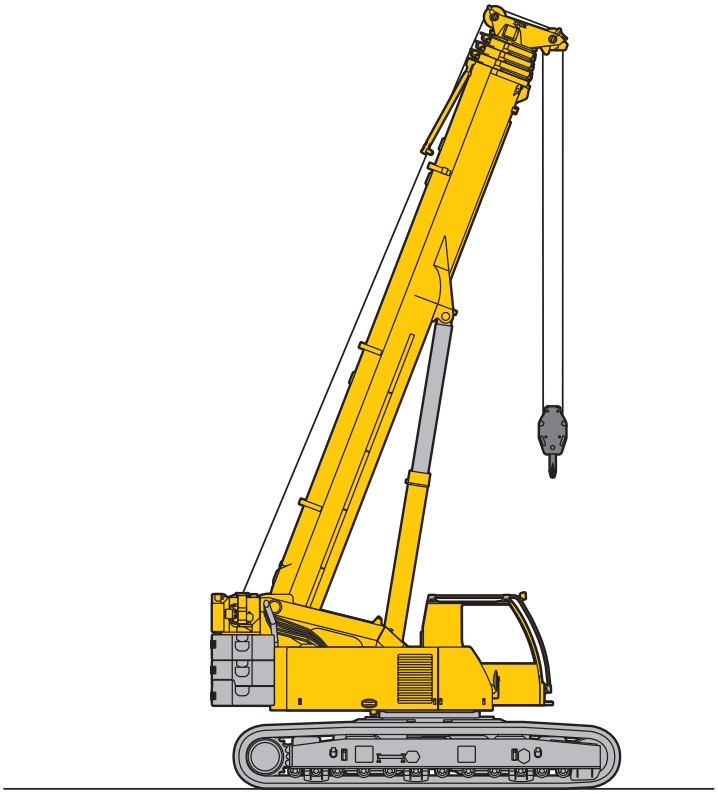
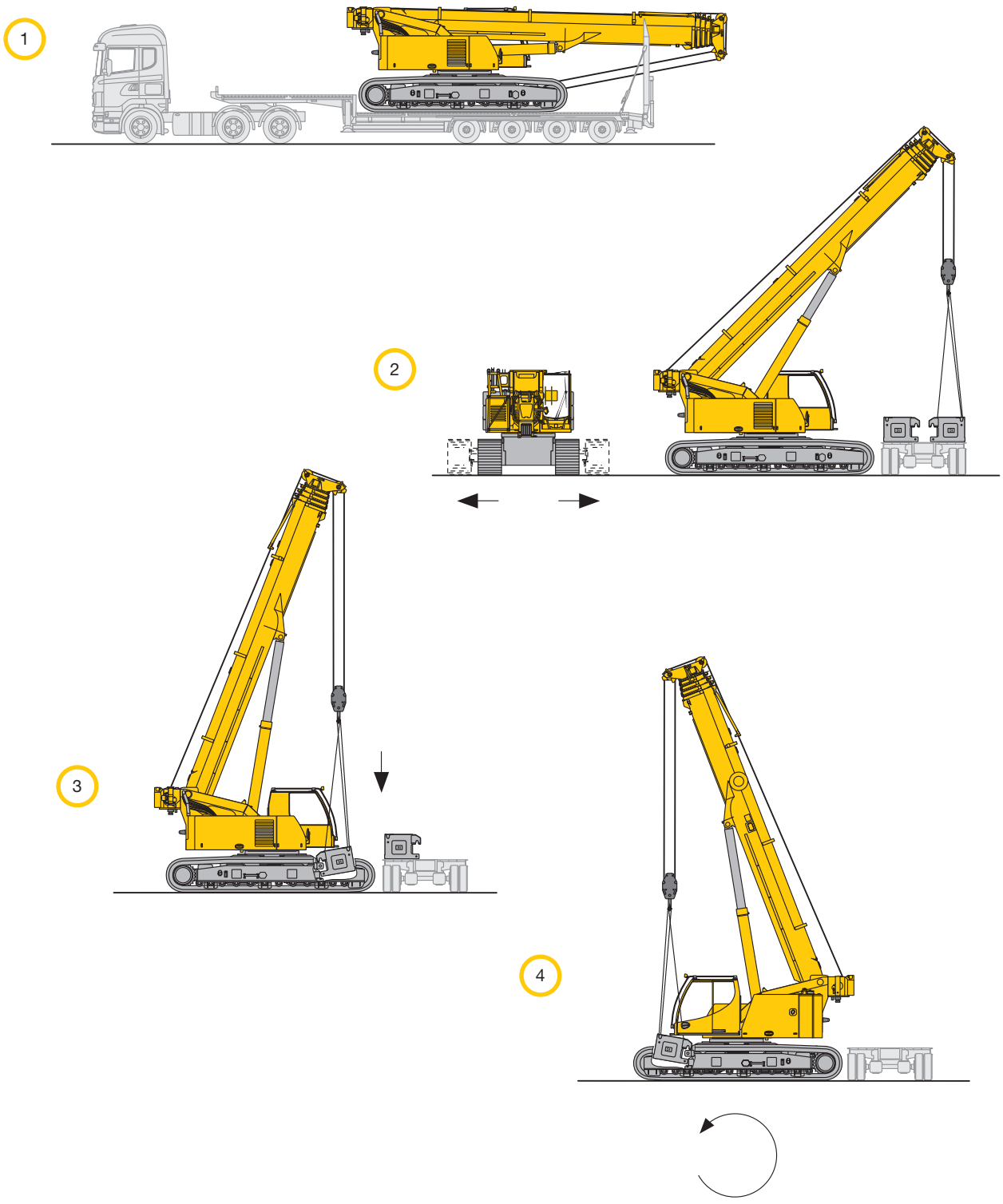


S2400.01

Transportation plan
Plan de transport

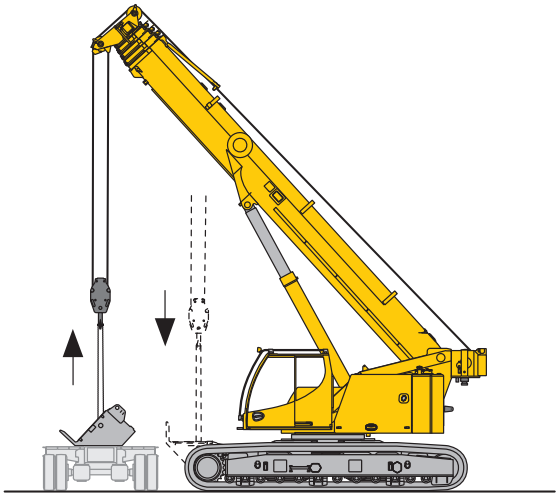
Total weight · Poids total: 82675 lbs
Width · Largeur: 9'10"



S2401

Transportation plan
Plan de transport

5



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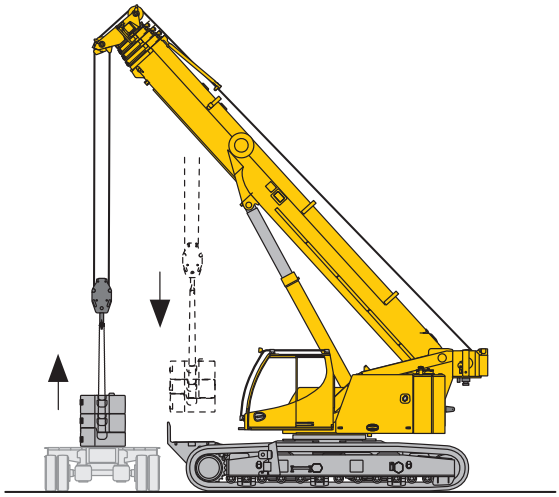

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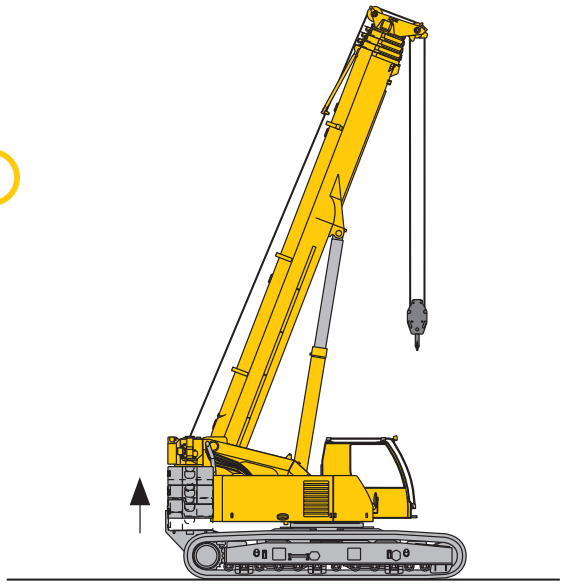

S2401

Overview of load charts
Aperçu des tableaux de charge

T	15.75 ft		9.85 ft	
34400 lbs 23375 lbs 12350 lbs 1325 lbs 22050 lbs	n.v. / n. h. ±10°	360°	n.v. / n. h. ±10°	360°
34400 lbs 0 lbs	–	360°	–	–
23375 lbs 12350 lbs 1325 lbs 0 lbs	–	360°	n.v. / n. h. ±10°	360°

Ballast versions see operation manual · variantes de lestage, voir le manuel d'instructions

T 8 ft K	15.75 ft		9.85 ft	
34400 lbs 23375 lbs 12350 lbs 1325 lbs 22050 lbs	–	360°	n.v. / n. h. ±10°	360°
34400 lbs 0 lbs	–	360°	–	–
23375 lbs 12350 lbs 1325 lbs 0 lbs	–	360°	n.v. / n. h. ±10°	360°

Ballast versions see operation manual · variantes de lestage, voir le manuel d'instructions

Lifting capacities
Forces de levage

T

ft	33 ft *	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	132.3	120.8	92.4	91.5	82.6							7
8	125.6	116.7	92.9	92	83.6	65.5						8
9	119.3	112.8	93	92.6	84.1	66.1						9
10	112.8	109.2	93.1	93.1	84.4	66.6	50.4					10
11	99.5	104.8	93.1	91.9	84.2	66.7	51					11
12	86.4	100.5	93.1	90.6	83.7	66.7	51.6					12
13	76.2	96.4	92.1	86.7	82.1	66.7	52.1	41.5				13
14	68	92.4	89.3	82.2	78	66.7	52.5	41.8				14
15	61.2	87.3	84.4	78.5	73.5	66.7	52.7	42.2	32.5			15
16	55.6	82.5	80	75	70	66.7	52.5	42.3	32.7			16
17	50.7	79.1	76.3	71.9	68.2	65.3	51.7	41.9	32.9			17
18	45.9	75.7	74.1	70.2	66.3	63.4	50.5	41.5	33.1	25.8		18
19	41.5	72.3	71.5	68.1	64.3	61.3	49.2	41	33	25.8		19
20	37.8	68.6	68.9	65.1	62.1	58.9	48	40.2	32.9	25.9	22.1	20
22	31.8	59.5	60.5	58.5	56.5	53	45.6	38.5	32.1	25.8	22.2	22
24	27.2	51.6	52.6	52.5	51	47.9	43.2	36.9	31.3	25.4	22.2	24
26			47	47.1	46.4	43.7	40.8	35.3	30.3	24.9	21.9	26
28			42	42.7	42.5	40.1	37.7	33.8	29.4	24.3	21.5	28
30			37.8	38.5	38.4	37	34.8	32.3	28.4	23.6	21.1	30
32			34.3	35	34.9	34.1	32.7	31	27.4	23	20.7	32
34			31.4	32	31.9	31.5	30.6	29	26.4	22.3	20.1	34
36			28.8	29.5	29.4	28.9	29.2	27.1	25.5	21.7	19.4	36
38				27.2	27.1	26.7	27.3	25.3	24.5	21.1	18.8	38
40				25.2	25.2	25	25.4	23.8	23.4	20.4	18.3	40
45				21.2	21.1	21.8	21.3	21.1	20.3	18.8	17	45
50					18.1	18.7	18.2	18	17.6	17.4	15.9	50
55					16.4	16.3	15.8	16.1	15.8	15.6	14.9	55
60						14.3	14.2	14.1	14	13.7	13.7	60
65						12.7	12.9	12.5	12.4	12	12.1	65
70						11.4	11.5	11.2	11	10.6	10.7	70
75							10.3	9.7	9.5	9.1	9.1	75
80							9	8.7	8.5	8.2	8.2	80
85								7.9	7.7	7.3	7.3	85
90								7.1	6.9	6.5	6.5	90
95									6.2	5.9	5.9	95
100									5.7	5.3	5.3	100
105										4.7	4.7	105
110										4.2	4.2	110
115										3.8	3.7	115
120											3.3	120

* 1325 lbs counterweight slabs · 1325 lbs contrepoids de la partie tournante

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Lifting capacities
Forces de levage

T

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	93.1	93.1	84.4	66.6	50.4					10
11	93.3	93.1	91.9	84.2	66.7	51					11
12	93.3	93.1	90.6	83.7	66.7	51.6					12
13	93.3	92.1	86.7	82.1	66.7	52.1	41.5				13
14	92.2	89.3	82.2	78	66.7	52.5	41.8				14
15	87.3	84.4	78.5	73.5	66.7	52.7	42.2	32.5			15
16	82.5	80	75	70	66.7	52.5	42.3	32.7			16
17	79.1	76.3	71.9	68.2	65.3	51.7	41.9	32.9			17
18	75.7	74.1	70.2	66.3	63.4	50.5	41.5	33.1	25.8		18
19	72.3	71.5	68.1	64.3	61.1	49.2	41	33	25.8		19
20	67.8	68.3	64.3	61.9	57.7	48	40.2	32.9	25.9	22.1	20
22	58.2	59.2	57.3	55.3	52	45.6	38.5	32.1	25.8	22.2	22
24	50.5	51.8	51.4	50	47	43.2	36.9	31.3	25.4	22.2	24
26		46.1	46.8	45.5	42.8	40.4	35.3	30.3	24.9	21.9	26
28		41.1	41.9	41.6	39.3	37	33.8	29.4	24.3	21.5	28
30		37.1	37.7	37.7	36.3	34.4	32.2	28.4	23.6	21.1	30
32		33.7	34.4	34.3	33.5	32.3	30.4	27.4	23	20.7	32
34		30.8	31.4	31.3	30.9	30.4	28.5	26.4	22.3	20.1	34
36		28.3	28.9	28.8	28.4	28.7	26.5	25.5	21.7	19.4	36
38			26.7	26.6	26.3	26.8	24.8	24.3	21.1	18.8	38
40			24.8	24.8	25	24.9	23.5	23	20.4	18.3	40
45			20.9	20.7	21.4	20.9	20.7	19.9	18.8	17	45
50				18.1	18.3	17.9	17.9	17.4	17.3	15.9	50
55				16.1	16	15.5	15.8	15.7	15.3	14.9	55
60					14	14.1	13.8	13.7	13.4	13.4	60
65					12.4	12.6	12.4	12.2	11.8	11.8	65
70					11.2	11.3	11	10.8	10.4	10.5	70
75						10.1	9.7	9.5	9.1	9.1	75
80						9	8.7	8.5	8.2	8.2	80
85							7.9	7.7	7.3	7.3	85
90							7.1	6.9	6.5	6.5	90
95								6.2	5.9	5.9	95
100								5.7	5.2	5.2	100
105									4.7	4.7	105
110									4.2	4.2	110
115									3.7	3.7	115
120										3.3	120

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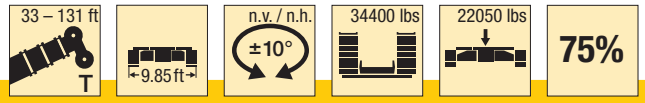
Lifting capacities
Forces de levage

T

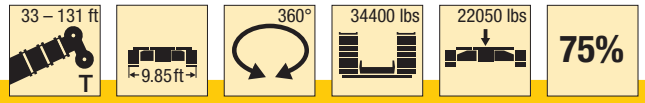


ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	93.3	92.4	91.5	82.6							7
8	93.3	92.9	92	83.6	65.5						8
9	93.3	93	92.6	84.1	66.1						9
10	93.3	93.1	93.1	84.4	66.6	50.4					10
11	93.3	93.1	91.9	84.2	66.7	51					11
12	93.3	93.1	90.6	83.7	66.7	51.6					12
13	93.3	92.1	86.7	81.6	66.7	52.1	41.5				13
14	92.2	89.3	82.2	77.9	66.3	52.5	41.8				14
15	87.3	84.4	78.5	73.5	65.3	52.7	42.2	32.5			15
16	82.5	80	75	70	63.2	52.5	42.3	32.7			16
17	79.1	76.3	71.9	68.2	61.2	51.7	41.9	32.9			17
18	75.7	74.1	70.2	66.3	59.4	50.5	41.5	33.1	25.8		18
19	72.3	71.5	68.1	64.3	57.7	49.2	41	33	25.8		19
20	68.6	68.9	65.1	62.1	56	48	40.2	32.9	25.9	22.1	20
22	59.5	60.5	58.5	56.5	52.5	45.6	38.5	32.1	25.8	22.2	22
24	51.6	52.6	52.5	51	47.9	43.2	36.9	31.3	25.4	22.2	24
26		47	47.1	46.4	43.7	40.8	35.3	30.3	24.9	21.9	26
28		42	42.7	42.5	40.1	37.7	33.8	29.4	24.3	21.5	28
30		37.8	38.5	38.4	37	34.8	32.3	28.4	23.6	21.1	30
32		34.3	35	34.9	34.1	32.7	31	27.4	23	20.7	32
34		31.4	32	31.9	31.5	30.6	29	26.4	22.3	20.1	34
36		28.8	29.5	29.4	28.9	29.2	27.1	25.5	21.7	19.4	36
38			27.2	27.1	26.7	27.3	25.3	24.5	21.1	18.8	38
40			25.2	25.2	25	25.4	23.8	23.4	20.4	18.3	40
45			21.2	21.1	21.8	21.3	21.1	20.3	18.8	17	45
50				18.1	18.7	18.2	18	17.6	17.4	15.9	50
55				16.4	16.3	15.8	16.1	15.8	15.6	14.9	55
60					14.3	14.2	14.1	14	13.7	13.7	60
65					12.7	12.9	12.5	12.4	12	12.1	65
70					11.4	11.5	11.2	11	10.6	10.7	70
75						10.3	9.7	9.5	9.1	9.1	75
80						9	8.7	8.5	8.2	8.2	80
85							7.9	7.7	7.3	7.3	85
90							7.1	6.9	6.5	6.5	90
95								6.2	5.9	5.9	95
100								5.7	5.3	5.3	100
105									4.7	4.7	105
110									4.2	4.2	110
115									3.8	3.7	115
120										3.3	120

t_201_00041_00_000

Lifting capacities
Forces de levage

T

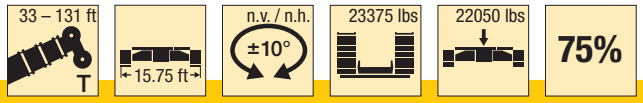


ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
16	52.5										16
17	48.2	45.8									17
18	44.1	42.8									18
19	40.7	41.2	37.5	34.5							19
20	37.8	39.2	36.7	33.4							20
22	32.8	34.2	32.8	30.6	28.4						22
24	28.8	30.2	30.9	27.6	25.7						24
26		26.9	27.7	26.9	25.2	24	22.4				26
28		24.2	25	25.5	23.9	22.7	20.6				28
30		21.9	22.6	23.3	22.7	21.9	20.6	18.7			30
32		20	20.7	21.3	21.1	20.4	19.3	18.4	17.3		32
34		18.3	18.9	19.5	19.6	18.9	18	17.1	16.1		34
36		16.8	17.4	18	18.1	17.7	16.8	16	15	14.7	36
38			16.1	16.7	16.7	16.6	15.8	15	14.1	13.7	38
40			14.9	15.5	15.5	15.5	14.8	14	13.1	12.9	40
45			12.5	13.1	13.1	13.1	12.7	12	11.2	11	45
50				11.1	11.2	11.2	11	10.4	9.6	9.4	50
55				9.6	9.6	9.7	9.4	9	8.3	8.1	55
60					8.4	8.4	8.2	7.8	7.2	7	60
65					7.3	7.4	7.1	6.8	6.2	6.1	65
70					6.4	6.4	6.1	5.9	5.4	5.3	70
75						5.6	5.3	5.1	4.6	4.5	75
80						5	4.6	4.4	4	3.9	80
85							4	3.8	3.4	3.4	85
90							3.5	3.2	2.8	2.8	90
95								2.8	2.3	2.3	95
100								2.3	1.9	1.9	100

t_201_00051_00_000

Lifting capacities
Forces de levage

T



ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	125.2	92.4	91.5	82.6							7
8	120.9	92.9	92	83.6	65.5						8
9	116.5	93	92.6	84.1	66.1						9
10	111.3	93.1	93.1	84.4	66.6	50.4					10
11	106.5	93.1	91.9	84.2	66.7	51					11
12	101.9	93.1	90.6	83.7	66.7	51.6					12
13	97.1	92.1	86.7	82.1	66.7	52.1	41.5				13
14	91.9	89.3	81.8	77.6	66.7	52.5	41.8				14
15	86.8	84.4	77.1	71.9	66.4	52.7	42.2	32.5			15
16	81.9	78.4	72	68.7	63.7	52.5	42.3	32.7			16
17	76.8	73.4	67.6	64.8	60	51.7	41.9	32.9			17
18	71.1	68	63.4	60.7	56.2	50.4	41.5	33.1	25.8		18
19	64.6	63.4	59.1	56.9	52.8	48.7	41	33	25.8		19
20	59.2	59.3	56.3	53.5	49.8	46.4	40.2	32.9	25.9	22.1	20
22	50.2	52	50.7	47.7	44.7	41.9	38.5	32.1	25.8	22.2	22
24	43.4	45.1	45.5	43	40.2	38.4	36.1	31.3	25.4	22.2	24
26		39.7	40.5	39	36.6	35.7	32.9	30.3	24.9	21.9	26
28		35.4	36.1	35.6	33.6	32.9	30.2	29.1	24.3	21.5	28
30		31.8	32.4	32.4	31.1	30.4	28.6	27.3	23.6	21.1	30
32		28.8	29.5	29.4	29.5	28.2	26.7	25.3	23	20.7	32
34		26.2	26.8	26.8	27.5	26.1	24.9	23.5	22.3	20.1	34
36		24	24.7	24.6	25.3	24.4	23.2	22.4	21.6	19.4	36
38			22.8	23.1	23.3	22.7	22.2	21.3	20.5	18.8	38
40			21.2	21.8	21.6	21.2	21.1	20.2	19.2	18.2	40
45			17.7	18.3	18.1	18.1	18	17.5	16.5	16.2	45
50				15.6	15.4	15.7	15.5	15.2	14.4	14.1	50
55				13.6	13.5	13.6	13.3	13.1	12.5	12.3	55
60					11.8	11.9	11.6	11.4	11	10.8	60
65					10.4	10.2	9.9	9.7	9.2	9.2	65
70					8.9	8.9	8.6	8.4	8	8.1	70
75						7.9	7.6	7.4	7	7.1	75
80						7.1	6.8	6.6	6.2	6.2	80
85							6.1	5.8	5.5	5.5	85
90							5.4	5.2	4.8	4.8	90
95								4.6	4.2	4.2	95
100								4.1	3.7	3.7	100
105									3.2	3.2	105
110									2.8	2.8	110
115									2.4	2.4	115
120										2	120

t_201_00012_00_000

Lifting capacities
Forces de levage

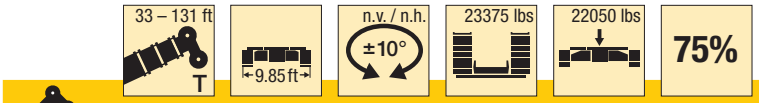
T

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	93.1	93.1	84.4	66.6	50.4					10
11	93.3	93.1	91.9	84.2	66.7	51					11
12	93.3	93.1	90.6	83.7	66.7	51.6					12
13	93.2	92.1	86.7	82.1	66.7	52.1	41.5				13
14	91.9	89.2	81.5	76.2	66.7	52.5	41.8				14
15	86.8	82.8	75.8	70.8	66.3	52.7	42.2	32.5			15
16	81.9	76.5	70.3	67.8	62.5	52.5	42.3	32.7			16
17	75.9	71.7	66.2	63.3	58.6	51.7	41.9	32.9			17
18	69.3	66.4	62	59.3	55	50.3	41.5	33.1	25.8		18
19	63	61.9	58.7	55.7	51.7	47.9	41	33	25.8		19
20	57.7	58	55.6	52.3	48.7	45.4	40.2	32.9	25.9	22.1	20
22	49.1	50.8	49.6	46.7	43.7	41.3	38.5	32.1	25.8	22.2	22
24	42.5	44.1	44.5	42.1	39.4	37.7	35.3	31.3	25.4	22.2	24
26		38.9	39.7	38.2	35.9	35.2	32.2	30.3	24.9	21.9	26
28		34.6	35.4	34.9	33.1	32.2	30.1	28.9	24.3	21.5	28
30		31.2	31.8	31.8	31	29.8	28.3	26.7	23.6	21.1	30
32		28.2	28.9	28.8	29.2	27.6	26.2	24.7	23	20.7	32
34		25.7	26.3	26.3	27	25.6	24.4	23.1	22.3	20.1	34
36		23.5	24.2	24.2	24.8	23.9	23	22.4	21.3	19.4	36
38			22.4	22.9	22.8	22.3	21.9	21.2	20	18.8	38
40			20.7	21.4	21.2	20.8	20.6	19.9	18.8	18.2	40
45			17.4	17.9	17.8	18	17.8	17.1	16.1	15.9	45
50				15.3	15.2	15.4	15.2	14.9	14	13.8	50
55				13.3	13.3	13.3	13.1	12.9	12.3	12.1	55
60					11.6	11.7	11.4	11.2	10.8	10.6	60
65					10.2	10.1	9.9	9.7	9.2	9.2	65
70					8.9	8.9	8.6	8.4	8	8.1	70
75						7.9	7.6	7.4	7	7.1	75
80						7.1	6.8	6.6	6.2	6.2	80
85							6.1	5.8	5.5	5.5	85
90							5.4	5.2	4.8	4.8	90
95								4.6	4.2	4.2	95
100								4.1	3.7	3.7	100
105									3.2	3.2	105
110									2.8	2.7	110
115									2.4	2.4	115
120										2	120

t_201_00022_00_000

Lifting capacities
Forces de levage

T



ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	93.3	92.4	91.5	82.6							7
8	93.3	92.9	92	83.6	65.5						8
9	93.3	93	92.6	83.3	66.1						9
10	93.3	93.1	93.1	81.2	66.3	50.4					10
11	93.3	93.1	91.9	77.5	65.6	51					11
12	93.3	93.1	90.6	74.2	63.2	51.4					12
13	93.2	92.1	86.7	71.1	60.9	51.4	41.5				13
14	91.9	89.3	81.8	70.4	58.8	50.3	41.8				14
15	86.8	84.4	77.1	68.5	56.8	48.8	41.4	32.5			15
16	81.9	78.4	72	66.1	55	47.4	40.8	32.7			16
17	76.8	73.4	67.6	63.7	53.3	46	39.7	32.9			17
18	71.1	68	63.4	60.7	51.7	44.7	38.7	33.1	25.8		18
19	64.6	63.4	59.1	56.9	50.1	43.5	37.7	33	25.8		19
20	59.2	59.3	56.3	53.5	48.7	42.4	36.8	32.9	25.9	22.1	20
22	50.2	52	50.7	47.7	44.7	40.2	35	31.7	25.8	22.2	22
24	43.4	45.1	45.5	43	40.2	38.1	33.4	30.3	25.4	22.2	24
26		39.7	40.5	39	36.6	35.7	31.9	29.1	24.9	21.9	26
28		35.4	36.1	35.6	33.6	32.9	30.2	27.9	24.3	21.5	28
30		31.8	32.4	32.4	31.1	30.4	28.6	26.7	23.6	21.1	30
32		28.8	29.5	29.4	29.5	28.2	26.7	25.3	23	20.7	32
34		26.2	26.8	26.8	27.5	26.1	24.9	23.5	22.3	20.1	34
36		24	24.7	24.6	25.3	24.4	23.2	22.4	21.6	19.4	36
38			22.8	23.1	23.3	22.7	22.2	21.3	20.5	18.8	38
40			21.2	21.8	21.6	21.2	21.1	20.2	19.2	18.2	40
45			17.7	18.3	18.1	18.1	18	17.5	16.5	16.2	45
50				15.6	15.4	15.7	15.5	15.2	14.4	14.1	50
55				13.6	13.5	13.6	13.3	13.1	12.5	12.3	55
60					11.8	11.9	11.6	11.4	11	10.8	60
65					10.4	10.2	9.9	9.7	9.2	9.2	65
70					8.9	8.9	8.6	8.4	8	8.1	70
75						7.9	7.6	7.4	7	7.1	75
80						7.1	6.8	6.6	6.2	6.2	80
85							6.1	5.8	5.5	5.5	85
90							5.4	5.2	4.8	4.8	90
95								4.6	4.2	4.2	95
100								4.1	3.7	3.7	100
105									3.2	3.2	105
110									2.8	2.8	110
115									2.4	2.4	115
120										2	120

t_201_00042_00_000

Lifting capacities
Forces de levage

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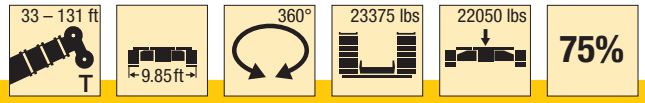

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	75.9	66.7	60.8	54.7							10
11	68.1	61.7	56.5	51.6	46.3						11
12	61.4	57.6	52	47.3	43.2						12
13	55.8	52.7	49.3	45.6	40						13
14	51.1	48.4	45.8	42.6	39.3	35.9					14
15	47	44.8	42.6	40.6	37.5	34.3					15
16	43.1	41.6	39.7	38	35.6	33	29.8				16
17	39.5	38.8	37.1	35.7	33.7	31.1	29.9	27.1			17
18	36	36.3	34.9	33.7	31.9	29.3	28.3	25.6			18
19	33.2	34	32.8	31.8	30.2	28.7	27	25.5	23.8		19
20	30.7	32	31	30.1	28.6	27.3	25.7	24.2	22.6	21.9	20
22	26.5	27.9	27.7	27.1	25.9	24.7	23.3	22	20.6	20	22
24	23.2	24.6	25	24.5	23.5	22.5	21.2	20.1	18.8	18.2	24
26		21.8	22.6	22.4	21.5	20.6	19.4	18.4	17.2	16.7	26
28		19.5	20.2	20.5	19.7	18.9	17.9	16.9	15.8	15.4	28
30		17.6	18.3	18.9	18.2	17.5	16.5	15.6	14.6	14.2	30
32		15.9	16.6	17.2	16.8	16.2	15.3	14.4	13.4	13.1	32
34		14.5	15.1	15.8	15.6	15	14.2	13.4	12.4	12.2	34
36		13.2	13.9	14.5	14.5	14	13.2	12.4	11.5	11.3	36
38			12.8	13.4	13.4	13	12.3	11.6	10.7	10.5	38
40			11.8	12.4	12.4	12.2	11.5	10.8	10	9.7	40
45			9.7	10.3	10.3	10.3	9.7	9.1	8.3	8.2	45
50				8.7	8.7	8.6	8.3	7.7	7	6.8	50
55				7.4	7.4	7.4	7.1	6.6	5.9	5.7	55
60					6.3	6.3	6.1	5.6	4.9	4.8	60
65					5.4	5.4	5.1	4.8	4.1	4	65
70					4.6	4.6	4.3	4	3.4	3.3	70
75						3.9	3.6	3.4	2.8	2.7	75
80						3.4	3	2.8	2.3	2.2	80
85							2.5	2.3	1.8	1.7	85
90							2.1	1.8			90

t_201_00052_00_000

Lifting capacities
Forces de levage

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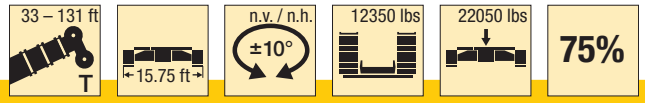
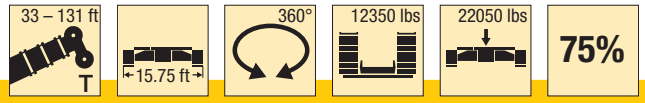


ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	126.5	92.4	91.5	82.6							7
8	124	92.9	92	83.6	65.5						8
9	118.3	93	92.6	84.1	66.1						9
10	112.8	93.1	93.1	84.4	66.6	50.4					10
11	107.2	93.1	91.6	83.5	66.7	51					11
12	101.1	90.9	85.5	77.2	66.7	51.6					12
13	94.6	85.8	77	70.1	64.8	52.1	41.5				13
14	86.5	77	70.1	66.7	61.4	52.5	41.8				14
15	78.1	70.4	65.8	61.9	56.7	52	42.2	32.5			15
16	71.1	65.5	62.1	57.3	52.7	48.7	42.3	32.7			16
17	64.8	61.2	57.4	53.3	49.2	46.2	41.9	32.9			17
18	58.5	56.6	53.5	49.9	46	43.5	40.3	33.1	25.8		18
19	53.1	52.7	49.9	46.7	43.5	41.5	37.9	33	25.8		19
20	48.5	49.3	46.9	43.8	40.9	39.4	36	32.8	25.9	22.1	20
22	41	42.7	41.5	39	37.7	35.3	33.2	31.1	25.8	22.2	22
24	35.3	37	37.1	35	34.1	31.9	30.1	28.2	25.4	22.2	24
26		32.4	33.2	31.7	31.1	29.1	28.1	26.7	24.9	21.9	26
28		28.8	29.5	29.5	28.4	26.6	25.9	24.8	23.3	21.5	28
30		25.8	26.6	27.3	26.1	24.9	24.1	22.9	21.5	20.7	30
32		23.3	24.1	24.7	24.1	23.5	22.3	21.2	19.9	19.5	32
34		21.1	21.9	22.6	22.3	21.8	20.7	19.7	18.5	18.1	34
36		19.3	20	20.7	20.5	20.3	19.3	18.3	17.2	16.8	36
38			18.4	19	19.1	19	18	17.1	16.1	15.7	38
40			17	17.6	17.6	17.7	16.9	16	15	14.7	40
45			14.1	14.7	14.7	14.8	14.4	13.7	12.7	12.5	45
50				12.4	12.5	12.5	12.3	11.8	10.9	10.7	50
55				10.4	10.5	10.6	10.2	10	9.3	9.3	55
60					8.7	8.8	8.5	8.3	7.9	7.9	60
65					7.6	7.6	7.4	7.1	6.8	6.8	65
70					6.7	6.7	6.4	6.2	5.8	5.8	70
75						5.8	5.6	5.4	5	5	75
80						5.2	4.9	4.7	4.3	4.3	80
85							4.3	4	3.7	3.7	85
90							3.8	3.5	3.1	3.1	90
95								3	2.6	2.6	95
100								2.6	2.1	2.1	100
105									1.7	1.7	105

t_201_00013_00_000

Lifting capacities
Forces de levage

T

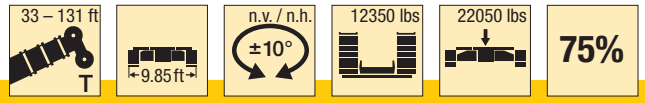


ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	93.1	93.1	84.4	66.6	50.4					10
11	93.3	93.1	91.4	83.2	66.7	51					11
12	93.3	89.5	83.1	75.1	66.7	51.6					12
13	92.2	83.3	74.9	70	64	52.1	41.5				13
14	84	74.9	69.5	65.4	59.9	51.9	41.8				14
15	76	69.1	64.5	60.4	55.3	50.8	42.2	32.5			15
16	69.2	63.8	60.6	55.9	51.4	47.7	42.1	32.7			16
17	63	59.7	56	52	48	45.2	41.2	32.9			17
18	57	55.2	52.2	48.7	45.3	43.2	39.4	33.1	25.8		18
19	51.7	51.5	48.7	45.6	42.5	40.7	37	33	25.8		19
20	47.3	48.1	45.7	42.8	40.3	38.5	35.6	32.8	25.9	22.1	20
22	40	41.7	40.5	38.1	37.1	34.5	32.5	30.4	25.8	22.2	22
24	34.5	36.1	36.3	34.2	33.4	31.2	29.5	27.9	25.4	22.2	24
26		31.7	32.5	31.3	30.4	28.4	27.6	26.4	24.5	21.9	26
28		28.2	28.9	29.3	27.8	26	25.4	24.2	22.8	21.5	28
30		25.2	26	26.7	25.6	24.6	23.6	22.4	21	20.4	30
32		22.8	23.6	24.2	23.6	23	21.8	20.7	19.5	19	32
34		20.7	21.4	22.1	21.8	21.3	20.3	19.3	18.1	17.7	34
36		18.9	19.6	20.2	20.1	19.9	18.9	17.9	16.8	16.4	36
38			18	18.6	18.7	18.6	17.6	16.7	15.7	15.3	38
40			16.6	17.3	17.3	17.3	16.5	15.6	14.6	14.3	40
45			13.8	14.4	14.4	14.5	14.1	13.3	12.4	12.2	45
50				12.2	12.2	12.2	12	11.5	10.7	10.5	50
55				10.3	10.3	10.4	10.1	9.8	9.2	9	55
60					8.7	8.8	8.5	8.3	7.9	7.8	60
65					7.6	7.6	7.4	7.1	6.8	6.7	65
70					6.7	6.7	6.4	6.2	5.8	5.8	70
75						5.8	5.6	5.4	5	5	75
80						5.2	4.9	4.7	4.3	4.3	80
85							4.3	4	3.7	3.7	85
90							3.8	3.5	3.1	3.1	90
95								3	2.6	2.6	95
100								2.6	2.1	2.1	100
105									1.7	1.7	105

t_201_00023_00_000

Lifting capacities
Forces de levage

T

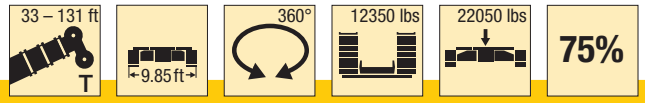


ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	93.3	92.4	91.5	79.8							7
8	93.3	92.9	92	76.4	63.4						8
9	93.3	93	92.6	72.6	61						9
10	93.3	93.1	89.1	69.2	58.6	49.6					10
11	93.3	93.1	84.3	68.8	56.3	48.1					11
12	93.3	90.9	80.1	66.1	54.2	46.5					12
13	92.6	85.8	75.7	63.4	52.2	45	38.7				13
14	86.5	77	70.1	60.9	50.4	43.6	37.5				14
15	78.1	70.4	65.8	58.6	48.7	42.3	36.5	31.6			15
16	71.1	65.5	62.1	56.4	47.1	41	35.5	31.3			16
17	64.8	61.2	57.4	53.3	45.6	39.8	34.6	30.9			17
18	58.5	56.6	53.5	49.9	44.2	38.7	33.9	30.4	25.8		18
19	53.1	52.7	49.9	46.7	42.7	37.6	33.1	29.7	25.6		19
20	48.5	49.3	46.9	43.8	40.8	36.6	32.4	29	25.4	22.1	20
22	41	42.7	41.5	39	37.7	34.8	30.9	27.7	24.5	22.2	22
24	35.3	37	37.1	35	34.1	31.9	29.5	26.5	23.4	21.8	24
26		32.4	33.2	31.7	31.1	29.1	28.1	25.4	22.5	21	26
28		28.8	29.5	29.5	28.4	26.6	25.9	24.3	21.6	20.2	28
30		25.8	26.6	27.3	26.1	24.9	24.1	22.9	20.7	19.4	30
32		23.3	24.1	24.7	24.1	23.5	22.3	21.2	19.7	18.7	32
34		21.1	21.9	22.6	22.3	21.8	20.7	19.7	18.5	17.9	34
36		19.3	20	20.7	20.5	20.3	19.3	18.3	17.2	16.8	36
38			18.4	19	19.1	19	18	17.1	16.1	15.7	38
40			17	17.6	17.6	17.7	16.9	16	15	14.7	40
45			14.1	14.7	14.7	14.8	14.4	13.7	12.7	12.5	45
50				12.4	12.5	12.5	12.3	11.8	10.9	10.7	50
55				10.4	10.5	10.6	10.2	10	9.3	9.3	55
60					8.7	8.8	8.5	8.3	7.9	7.9	60
65					7.6	7.6	7.4	7.1	6.8	6.8	65
70					6.7	6.7	6.4	6.2	5.8	5.8	70
75						5.8	5.6	5.4	5	5	75
80						5.2	4.9	4.7	4.3	4.3	80
85							4.3	4	3.7	3.7	85
90							3.8	3.5	3.1	3.1	90
95								3	2.6	2.6	95
100								2.6	2.1	2.1	100
105									1.7	1.7	105

t_201_00043_00_000

Lifting capacities
Forces de levage

T

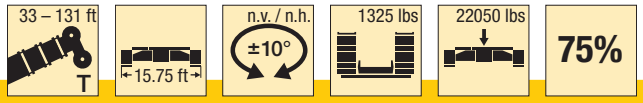


ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	60	55.6	51.2	47.8	43.7	39.6					10
11	53.4	50	46.4	43.6	40.4	37.6					11
12	48	45.4	42.4	40	37.3	34.8					12
13	43.5	41.3	38.9	37	34.6	32.4	30.1				13
14	39.7	37.9	36	34.3	32.2	30.3	28.1				14
15	36.4	35	33.4	31.9	30	28.3	26.4	24.6			15
16	33.5	32.4	31	29.8	28.1	26.6	24.8	23.1			16
17	30.7	30.1	28.9	28	26.4	25	23.4	21.8			17
18	28	28	27.1	26.3	24.9	23.6	22.1	20.6	19.1		18
19	25.7	26.2	25.4	24.8	23.4	22.3	20.8	19.5	18.1		19
20	23.7	24.6	23.9	23.4	22.2	21.1	19.8	18.5	17.1	16.6	20
22	20.3	21.7	21.3	20.9	20	19	17.8	16.7	15.4	15	22
24	17.6	19	19.1	18.8	18	17.2	16.1	15.1	14	13.6	24
26		16.7	17.2	17.1	16.4	15.7	14.7	13.7	12.7	12.3	26
28		14.8	15.5	15.6	14.9	14.3	13.4	12.5	11.5	11.2	28
30		13.3	13.9	14.2	13.7	13.1	12.3	11.5	10.5	10.2	30
32		11.9	12.6	13	12.5	12.1	11.2	10.5	9.6	9.4	32
34		10.8	11.4	12	11.5	11.1	10.4	9.7	8.8	8.6	34
36		9.7	10.4	11	10.6	10.2	9.5	8.9	8.1	7.9	36
38			9.5	10.1	9.8	9.5	8.8	8.2	7.4	7.2	38
40			8.7	9.3	9.1	8.8	8.1	7.5	6.8	6.6	40
45			7	7.6	7.5	7.3	6.7	6.2	5.5	5.3	45
50				6.2	6.2	6.1	5.5	5	4.4	4.3	50
55				5.1	5.1	5.1	4.6	4.1	3.5	3.4	55
60					4.2	4.2	3.8	3.3	2.7	2.6	60
65					3.4	3.4	3.1	2.6	2	1.9	65
70					2.8	2.8	2.5	2			70
75						2.2	1.9				75
80						1.8					80

t_201_00053_00_000

Lifting capacities
Forces de levage

T



ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	126.5	92.4	91.5	82.6							7
8	125.5	92.9	92	83.6	65.5						8
9	119.3	93	92.6	82.1	66.1						9
10	112.8	91.7	86	76.3	65.8	50.4					10
11	99.5	84.8	75.6	68.6	63.6	51					11
12	86.4	75.9	69.4	64	57.7	50.7					12
13	76.2	69.3	63.9	58.1	52.9	48.6	41.2				13
14	68	62.7	58.2	53.1	48.7	45.9	41				14
15	61.2	57.1	53.3	48.8	46.3	42.4	38.4	32.5			15
16	55.6	52.3	49	45.1	43	39.5	36.7	32.7			16
17	50.7	48	45.2	41.8	40.1	36.9	34.6	31.3			17
18	45.9	44.3	42	39.7	37.5	34.6	33.1	30.6	25.8		18
19	41.5	41.2	39	37.5	35.2	32.9	31.4	29.2	25.7		19
20	37.8	38.4	36.6	35.4	33.1	31.5	29.7	27.8	25.5	22.1	20
22	31.8	33.5	32.4	31.4	29.6	28.4	26.6	25	23.3	22.1	22
24	27.2	28.9	28.9	28.2	26.8	25.6	24.1	22.7	21.1	20.4	24
26		25.2	25.9	25.4	24.3	23.3	21.9	20.6	19.2	18.7	26
28		22.2	23.1	23.1	22.2	21.2	20	18.8	17.6	17.1	28
30		19.8	20.6	21.1	20.3	19.5	18.4	17.3	16.1	15.7	30
32		17.7	18.6	19.2	18.7	17.9	16.9	15.9	14.8	14.4	32
34		15.8	16.6	17.4	17.2	16.5	15.6	14.7	13.6	13.3	34
36		14.3	15.1	15.8	15.9	15.3	14.4	13.6	12.6	12.3	36
38			13.8	14.4	14.5	14.3	13.4	12.6	11.7	11.4	38
40			12.6	13.3	13.3	13.3	12.5	11.7	10.8	10.6	40
45			9.8	10.8	10.7	10.8	10.4	9.8	9	8.8	45
50				8.6	8.6	8.6	8.4	8.1	7.5	7.3	50
55				7.2	7.2	7.3	7	6.8	6.3	6.2	55
60					6.1	6.1	5.9	5.6	5.3	5.1	60
65					5.2	5.2	5	4.7	4.4	4.3	65
70					4.5	4.4	4.2	4	3.6	3.6	70
75						3.8	3.5	3.3	2.9	2.9	75
80						3.2	3	2.7	2.3	2.3	80
85							2.5	2.2	1.8	1.8	85
90							2	1.8			90

t_201_00014_00_000

Lifting capacities
Forces de levage

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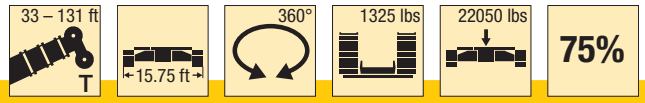

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	91.3	83.2	73.8	65.3	50.4					10
11	93.2	82.5	73.2	68.4	61.7	51					11
12	83.5	73.5	68.8	62.2	56.1	50.5					12
13	73.7	67.8	62.1	56.5	51.6	47.6	40.7				13
14	65.9	60.9	56.6	51.7	47.8	44.7	39.8				14
15	59.4	55.5	51.8	47.5	45.1	41.3	37.8	32.5			15
16	53.9	50.8	47.6	43.9	41.9	38.5	35.7	32.7			16
17	49.2	46.7	44	41.4	39.1	36	34	30.9			17
18	44.6	43.1	40.9	39.3	36.6	33.8	32.3	30.4	25.8		18
19	40.3	40.1	38.2	36.8	34.3	32.5	30.6	28.7	25.4		19
20	36.8	37.4	35.8	34.5	32.2	30.9	29	27.1	25	22.1	20
22	30.9	32.6	31.6	30.7	28.8	27.7	26	24.4	22.7	22	22
24	26.5	28.1	28.2	27.5	26.2	25	23.5	22.1	20.6	20	24
26		24.6	25.3	24.8	23.7	22.7	21.3	20.1	18.7	18.2	26
28		21.7	22.5	22.6	21.6	20.7	19.5	18.4	17.1	16.6	28
30		19.3	20.1	20.6	19.8	19	17.9	16.8	15.7	15.3	30
32		17.3	18.1	18.8	18.2	17.5	16.5	15.5	14.4	14	32
34		15.6	16.3	17.1	16.8	16.1	15.2	14.3	13.3	12.9	34
36		14.2	14.9	15.6	15.5	15	14.1	13.2	12.2	12	36
38			13.6	14.3	14.3	13.9	13.1	12.3	11.4	11.1	38
40			12.5	13.1	13.2	12.9	12.1	11.4	10.5	10.2	40
45			9.8	10.8	10.7	10.7	10.2	9.5	8.7	8.5	45
50				8.6	8.6	8.6	8.4	8	7.3	7.1	50
55				7.2	7.2	7.3	7	6.8	6.1	5.9	55
60					6.1	6.1	5.9	5.6	5.1	4.9	60
65					5.2	5.2	5	4.7	4.2	4.1	65
70					4.5	4.4	4.2	4	3.5	3.4	70
75						3.8	3.5	3.3	2.8	2.7	75
80						3.2	3	2.7	2.3	2.2	80
85							2.5	2.2	1.8	1.7	85
90							2	1.8			90

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Lifting capacities
Forces de levage

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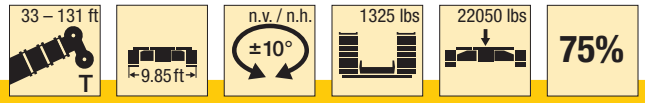

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
7	93.3	92.4	88.8	68.1							7
8	93.3	92.9	83.7	66.5	54.3						8
9	93.3	93	78.6	63.2	52.1						9
10	93.3	91.7	74	60.2	50	41.2					10
11	93.2	84.8	70.2	57.5	48	40.9					11
12	86.4	75.9	69.4	55	46.2	39.5					12
13	76.2	69.3	63.9	52.7	44.6	38.3	32.8				13
14	68	62.7	58.2	50.6	43	37.1	31.8				14
15	61.2	57.1	53.3	48.3	41.5	35.9	30.9	26.9			15
16	55.6	52.3	49	45.1	40.2	34.8	30	26.2			16
17	50.7	48	45.2	41.8	38.9	33.8	29.2	25.5			17
18	45.9	44.3	42	39.7	37.2	32.8	28.5	24.8	21.6		18
19	41.5	41.2	39	37.5	35.2	31.9	27.7	24.2	21.1		19
20	37.8	38.4	36.6	35.4	33.1	31	27	23.6	20.6	19.1	20
22	31.8	33.5	32.4	31.4	29.6	28.4	25.7	22.5	19.7	18.3	22
24	27.2	28.9	28.9	28.2	26.8	25.6	24	21.5	18.8	17.5	24
26		25.2	25.9	25.4	24.3	23.3	21.9	20.4	18	16.8	26
28		22.2	23.1	23.1	22.2	21.2	20	18.8	17.2	16.1	28
30		19.8	20.6	21.1	20.3	19.5	18.4	17.3	16.1	15.4	30
32		17.7	18.6	19.2	18.7	17.9	16.9	15.9	14.8	14.4	32
34		15.8	16.6	17.4	17.2	16.5	15.6	14.7	13.6	13.3	34
36		14.3	15.1	15.8	15.9	15.3	14.4	13.6	12.6	12.3	36
38			13.8	14.4	14.5	14.3	13.4	12.6	11.7	11.4	38
40			12.6	13.3	13.3	13.3	12.5	11.7	10.8	10.6	40
45			9.8	10.8	10.7	10.8	10.4	9.8	9	8.8	45
50				8.6	8.6	8.6	8.4	8.1	7.5	7.3	50
55				7.2	7.2	7.3	7	6.8	6.3	6.2	55
60					6.1	6.1	5.9	5.6	5.3	5.1	60
65					5.2	5.2	5	4.7	4.4	4.3	65
70					4.5	4.4	4.2	4	3.6	3.6	70
75						3.8	3.5	3.3	2.9	2.9	75
80						3.2	3	2.7	2.3	2.3	80
85							2.5	2.2	1.8	1.8	85
90							2	1.8			90

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Lifting capacities
Forces de levage

T

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	43.8	40.9	37.9	35.5	32.6	29					10
11	38.8	36.6	34.2	32.3	29.8	27.7					11
12	34.6	33.1	31.1	29.5	27.4	25.5					12
13	31.2	30	28.4	27.1	25.3	23.6	21.8				13
14	28.2	27.3	26.1	25.1	23.5	22	20.2				14
15	25.7	25.1	24.1	23.3	21.8	20.5	18.9	17.5			15
16	23.5	23.1	22.3	21.6	20.3	19.1	17.7	16.3			16
17	21.6	21.4	20.7	20.2	19	17.9	16.6	15.3			17
18	19.9	19.8	19.3	18.9	17.8	16.8	15.6	14.4	13.1		18
19	18.2	18.4	18	17.7	16.7	15.8	14.6	13.5	12.3		19
20	16.6	17.1	16.8	16.6	15.7	14.9	13.8	12.7	11.6	11.1	20
22	14	15	14.8	14.7	14	13.3	12.3	11.3	10.3	9.9	22
24	11.9	13.2	13.1	13.1	12.5	11.9	11	10.1	9.1	8.8	24
26		11.6	11.7	11.8	11.2	10.7	9.8	9.1	8.1	7.9	26
28		10.2	10.4	10.6	10.1	9.6	8.9	8.1	7.3	7	28
30		8.9	9.3	9.5	9.1	8.7	8	7.3	6.5	6.3	30
32		7.9	8.4	8.6	8.3	7.9	7.2	6.6	5.8	5.6	32
34		6.9	7.5	7.8	7.5	7.2	6.5	5.9	5.2	5	34
36		6.1	6.8	7.1	6.8	6.5	5.9	5.3	4.6	4.4	36
38			6	6.5	6.2	5.9	5.3	4.8	4.1	3.9	38
40			5.4	5.9	5.6	5.4	4.8	4.3	3.6	3.5	40
45			4	4.7	4.4	4.2	3.7	3.2	2.5	2.3	45
50				3.6	3.5	3.3	2.8	2.2			50
55				2.7	2.7	2.5	1.9				55
60					1.9	1.7					60

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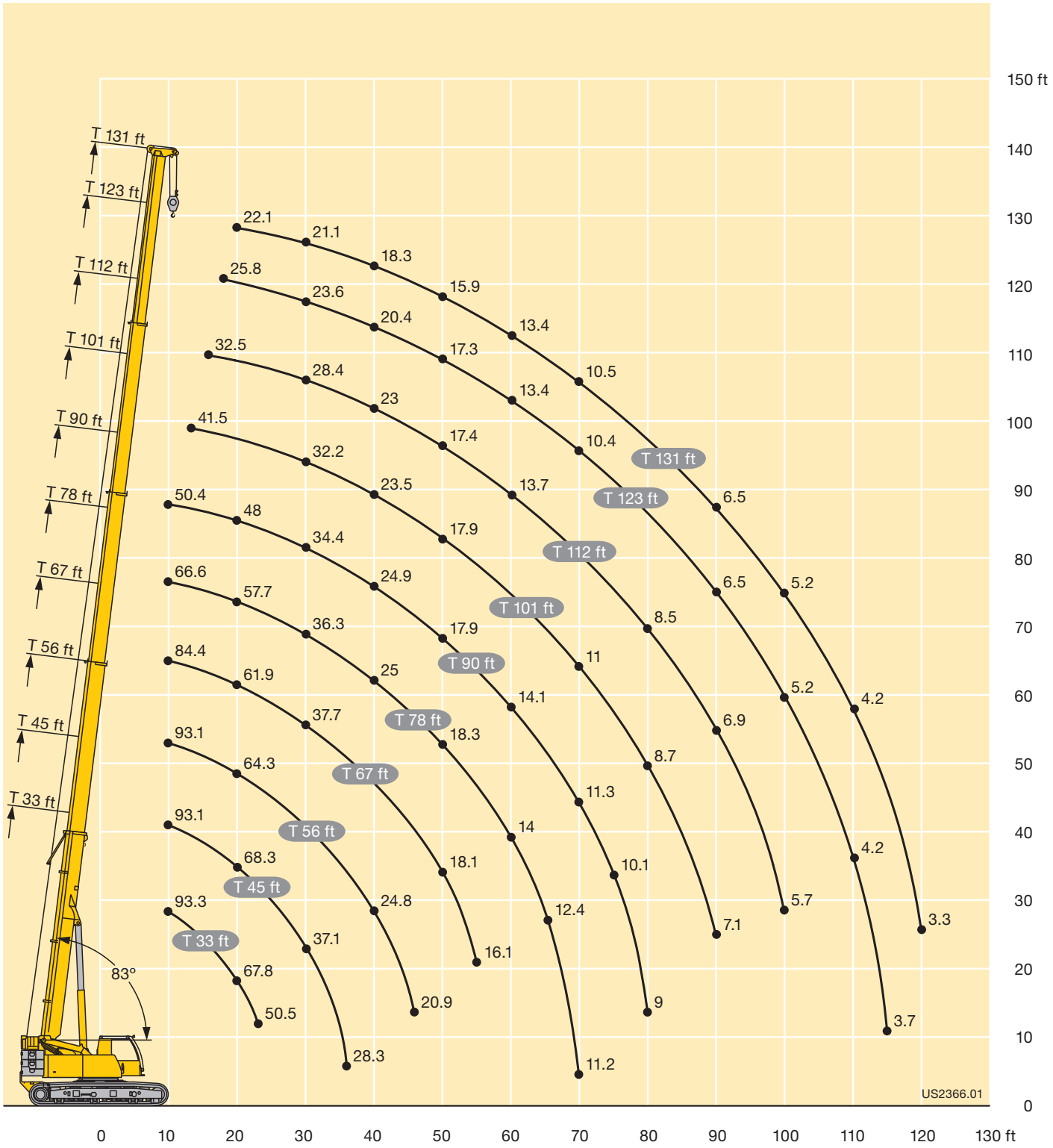
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T 112 ft
T 101 ft
T 90 ft
T 78 ft
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Lifting capacities
Forces de levage

TK

ft	33 ft			90 ft			101 ft			112 ft			123 ft			131 ft			ft
	31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
9	17.6																		9
10	17.4																		10
11	17.1																		11
12	16.7																		12
13	16.3																		13
14	15.9			18.5															14
15	15.5			18.5															15
16	15.1	14.8		18.5															16
17	14.8	14.7		18.5															17
18	14.4	14.5		18.5			18.5												18
20	13.7	14.2		18.4			18.5												20
22	13	13.7	11.5	18.1			18.4			16.1									22
24	12.3	13.2	11.5	17.7			18.2			16									24
26	11.6	12.7	11.4	17.3	14.8		17.8			15.9			13.4			12.1			26
28	10.9	12.1	11.3	16.9	14.8		17.5	14.8		15.8			13.4			12.1			28
30	10.2	11.6	11.1	16.5	14.8		17.2	14.8		15.7			13.3			12			30
32	9.5	11	10.9	16.1	14.6	11.5	16.8	14.7		15.5	13.8		13.3			12			32
34	8.9	10.4	10.5	15.7	14.5	11.5	16.4	14.5		15.4	13.6		13.2			11.9			34
36	8.3	9.7	10	15.3	14.3	11.5	16.1	14.2		15.2	13.4		13.1			11.8			36
38	7.7	9.1	9.5	14.9	14	11.5	15.7	14	11.5	15.1	13.2		13	12		11.7	11.2		38
40	7.2	8.5	9	14.5	13.8	11.5	15.3	13.7	11.5	14.9	13		12.8	11.9		11.5	11.1		40
45	6.1	7.4	7.7	13.5	13.2	11.3	14.4	13.2	11.5	14.5	12.6	11.2	12.3	11.6	10.7	11.2	10.8	10.2	45
50				12.6	12.5	11.1	13.5	12.7	11.2	13.9	12.2	10.9	11.7	11.1	10.4	10.7	10.1	9.7	50
55				11.7	11.8	10.8	12.6	12.2	10.9	13.3	11.8	10.6	11.2	10.6	10	10.1	9.5	9.1	55
60				10.7	11	10.4	11.8	11.7	10.6	12.6	11.5	10.4	10.7	9.9	9.6	9.4	8.9	8.7	60
65				9.8	10.3	9.8	11	11.1	10.3	11.6	11.1	10.1	10.1	9.2	9	8.9	8.5	8.4	65
70				9	9.4	9.2	10.1	10.4	9.8	10.3	10.6	9.8	9.5	8.8	8.6	8.5	8.2	8	70
75				8.2	8.7	8.6	9.3	9.7	9.3	9.1	9.7	9.4	8.9	8.4	8.3	8.1	7.8	7.7	75
80				7.4	8.1	8	8.5	8.9	8.8	8.2	8.6	8.8	8.2	8	8	7.7	7.5	7.4	80
85				6.8	7.6	7.4	7.7	8	8.2	7.8	7.7	7.9	7.4	7.7	7.7	7.2	7.2	7.2	85
90				6.2	7		7.1	7.3	7.5	7.1	7.2	7.4	6.7	7	7.2	6.5	6.8	6.9	90
95				5.7	6.4		6.6	6.7		6.4	6.7	6.8	6	6.3	6.6	5.9	6.3	6.4	95
100				5.1			6.1	6.3		5.8	6.1		5.4	5.7	5.9	5.3	5.6	5.9	100
105				4.5			5.5	5.7		5.3	5.5		4.8	5.1	5.3	4.7	5	5.3	105
110							5	5.2		4.8	5		4.3	4.6		4.2	4.5	4.7	110
115										4.3	4.5		3.8	4.1		3.7	4		115
120										3.9			3.4	3.6		3.3	3.6		120
125										3.5			3	3.2		2.9	3.1		125
130													2.6	2.8		2.6	2.8		130
135													2.3			2.2	2.4		135
140																1.9			140
145																1.7			145

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Lifting capacities
Forces de levage

TK

ft	33 ft			90 ft			101 ft			112 ft			123 ft			131 ft			ft
	52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
13	8.9																		13
14	8.8																		14
15	8.8																		15
16	8.7																		16
17	8.5																		17
18	8.4			9															18
20	8.2			9															20
22	7.9			9			9												22
24	7.7			9			9												24
26	7.4	7.1		9			9			8.3									26
28	7.2	7		8.9			9			8.3			7.3			6.8			28
30	7	6.8		8.8			8.9			8.2			7.3			6.8			30
32	6.9	6.7		8.6			8.8			8.1			7.2			6.7			32
34	6.7	6.5		8.5			8.7			8.1			7.2			6.7			34
36	6.5	6.4		8.3	7.2		8.6			8			7.2			6.7			36
38	6.3	6.2	4.9	8.2	7.1		8.5	7.1		7.9			7.1			6.6			38
40	6.1	6.1	4.8	8.1	7		8.3	7		7.9			7.1			6.6			40
45	5.7	5.8	4.7	7.7	6.7		8	6.8		7.7	6.5		6.9			6.5			45
50	5.2	5.5	4.6	7.3	6.5	4.9	7.6	6.6		7.4	6.4		6.8	6		6.4	5.7		50
55	4.7	5.1	4.5	7	6.3	4.8	7.3	6.4	4.8	7.2	6.2	4.8	6.7	5.9		6.3	5.7		55
60	4.2	4.8	4.4	6.8	6.1	4.7	7	6.2	4.8	7	6	4.8	6.6	5.8		6.2	5.6		60
65	3.7	4.5	4.2	6.5	5.9	4.7	6.8	6	4.7	6.8	5.9	4.8	6.4	5.6	4.8	6.1	5.5	4.8	65
70				6.2	5.7	4.6	6.6	5.8	4.7	6.6	5.7	4.7	6.3	5.5	4.7	6	5.4	4.8	70
75				5.9	5.6	4.6	6.3	5.6	4.6	6.4	5.6	4.7	6.1	5.4	4.7	5.9	5.3	4.7	75
80				5.7	5.4	4.5	6	5.5	4.6	6.3	5.4	4.6	6	5.3	4.6	5.7	5.2	4.7	80
85				5.4	5.3	4.5	5.8	5.4	4.5	6.1	5.3	4.6	5.8	5.2	4.6	5.6	5.1	4.6	85
90				5.1	5.1	4.4	5.5	5.3	4.5	5.9	5.2	4.5	5.7	5.1	4.6	5.5	5	4.6	90
95				4.8	4.9	4.3	5.3	5.1	4.4	5.6	5.1	4.5	5.5	5	4.5	5.4	4.9	4.6	95
100				4.5	4.8	4.3	5	5	4.4	5.4	5	4.4	5.3	5	4.5	5.2	4.9	4.5	100
105				4.2	4.7	4.2	4.7	4.8	4.3	5.1	5	4.4	5.1	4.9	4.5	5	4.8	4.5	105
110				3.9	4.7	4.1	4.4	4.7	4.2	4.9	4.9	4.3	4.6	4.8	4.4	4.5	4.7	4.5	110
115				3.6	4.6		4.1	4.5	4.1	4.5	4.7	4.3	4.1	4.6	4.3	4	4.5	4.4	115
120				3.3	4.4		3.8	4.3	4	4.2	4.5	4.2	3.7	4.2	4.2	3.6	4.1	4.3	120
125				3.1	3.9		3.6	4.2	3.9	3.8	4.1	4.1	3.3	3.7	4	3.2	3.7	4	125
130							3.3	3.9		3.4	3.7	3.8	2.9	3.3	3.6	2.9	3.3	3.5	130
135							3.1			3.1	3.3		2.6	2.9	3.1	2.5	2.9	3.1	135
140										2.8	3		2.3	2.6	2.7	2.2	2.5	2.7	140
145										2.5	2.7		2	2.3	2.4	1.9	2.2	2.4	145
150													1.7	2		1.7	1.9	2	150
155													1.5	1.7		1.4	1.6		155
160																	1.4		160

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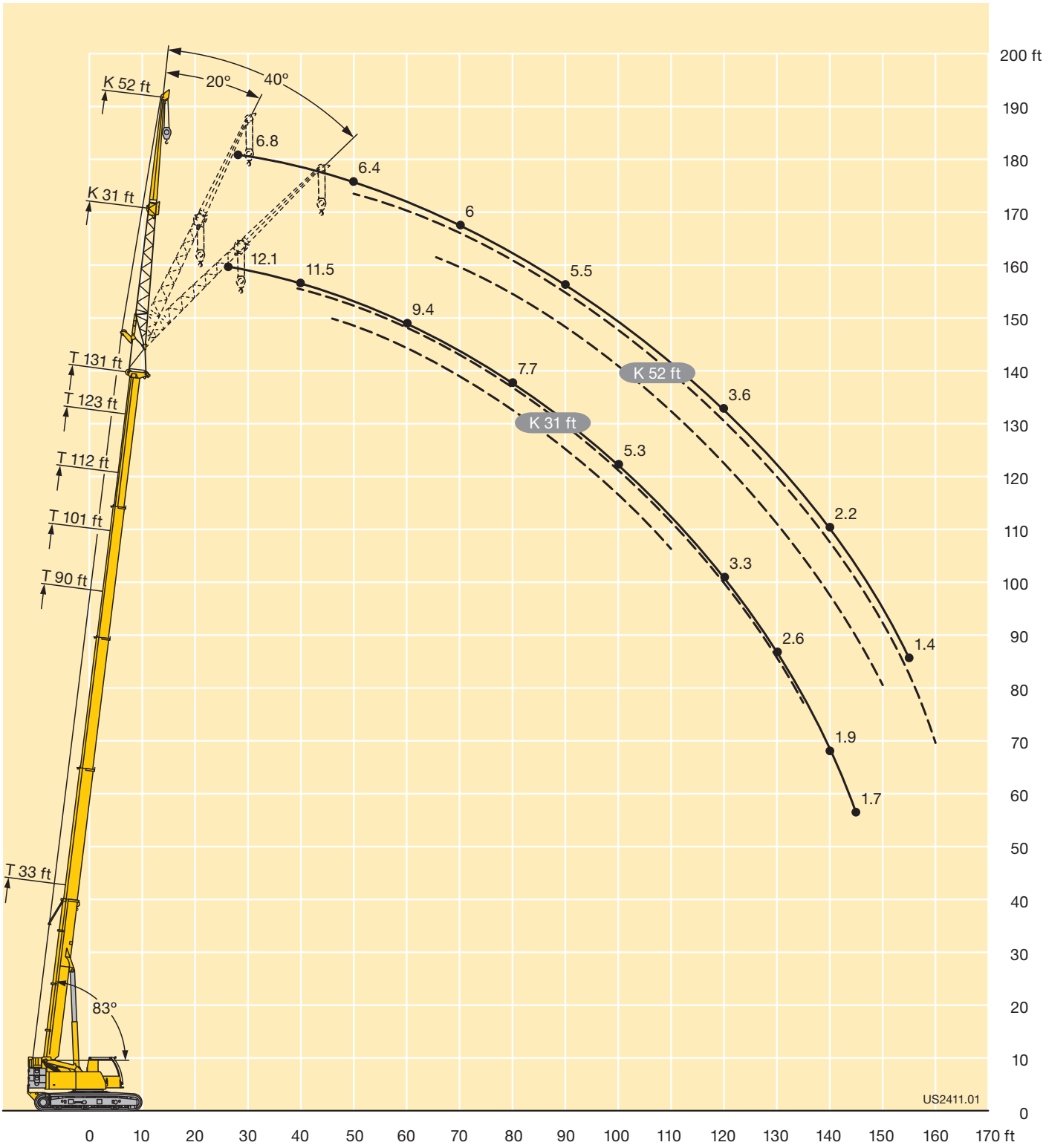
Lifting heights
Hauteurs de levage



Lifting capacities
Forces de levage

TK

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
	8 ft										
10	38.9	38.9									10
11	38.9	38.9									11
12	38.9	38.9	38.9								12
13	38.9	38.9	38.9	38.9	38.9						13
14	38.9	38.9	38.9	38.9	38.9						14
15	38.9	38.9	38.9	38.9	38.9						15
16	38.9	38.9	38.9	38.9	38.9	38.9					16
17	38.9	38.9	38.9	38.9	38.9	38.9					17
18	38.9	38.9	38.9	38.9	38.9	38.9					18
19	38.4	38.9	38.9	38.9	38.9	38.9					19
20	37.7	38.9	38.9	38.9	38.9	38.9	34.9				20
22	35.4	38.9	38.9	38.9	38.9	38.8	34				22
24	32.4	38.8	38.9	38.9	38.9	38.3	32.8	26.8			24
26	29.2	37.7	38.9	38.9	38.9	37	31.6	26.1	21.3	18	26
28	26.8	36.2	38.9	38.9	38.6	35.4	30.5	25.4	20.9	17.8	28
30	24.4	34.4	37.4	36.5	35.8	33.5	29.3	24.6	20.5	17.5	30
32	22.3	32.3	34.3	34.3	33.3	31.2	28.1	23.9	19.8	17.2	32
34		30	31.3	32	30.9	29.1	27	23.2	19.2	16.8	34
36		27.9	29.4	29.4	28.8	27.2	26	22.5	18.7	16.4	36
38		26.1	27.4	27.2	26.7	25.6	24.5	21.9	18.2	16.1	38
40		24.3	25.4	25.2	24.8	24.3	23	21.2	17.7	15.7	40
45			21.4	21.2	20.8	20.8	19.9	19.6	16.6	14.9	45
50			18.3	18.2	17.9	18.1	17.5	17.1	15.5	14.1	50
55			15.9	15.7	16	15.7	15.4	15	14.6	13.3	55
60				13.8	14.2	13.7	13.4	13.5	13.3	12.6	60
65				12.6	12.6	12.1	12.2	12.2	11.7	11.7	65
70					11.2	11	10.9	10.8	10.3	10.4	70
75					10	10.1	9.8	9.5	9	9.1	75
80						9	8.7	8.5	8.1	8.1	80
85						8.1	7.8	7.6	7.2	7.2	85
90							7.1	6.8	6.4	6.5	90
95							6.4	6.2	5.7	5.8	95
100							5.8	5.6	5.1	5.1	100
105								5	4.5	4.6	105
110								4.5	4	4.1	110
115									3.5	3.6	115
120									3.1	3.2	120
125										2.8	125
130										2.4	130

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Lifting capacities
Forces de levage

TK

ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
	8 ft										
10	38.9	38.9									10
11	38.9	38.9									11
12	38.9	38.9	38.9								12
13	38.9	38.9	38.9	38.9	38.9						13
14	38.9	38.9	38.9	38.9	38.9						14
15	38.9	38.9	38.9	38.9	38.9						15
16	38.9	38.9	38.9	38.9	38.9	38.9					16
17	38.9	38.9	38.9	38.9	38.9	38.9					17
18	38.9	38.9	38.9	38.9	38.9	38.9					18
19	38.4	38.9	38.9	38.9	38.9	38.9					19
20	37.7	38.9	38.9	38.9	38.9	38.9	34.9				20
22	35.4	38.9	38.9	38.9	38.9	38.8	34				22
24	32.4	38.8	38.9	38.9	38.9	38.3	32.8	26.8			24
26	29.2	37.7	38.9	38.9	38.9	37	31.6	26.1	21.3	18	26
28	26.8	36.2	38.9	38.9	38.7	35.4	30.5	25.4	20.9	17.8	28
30	24.4	34.4	37.8	37	36.4	33.7	29.3	24.6	20.5	17.5	30
32	22.3	32.3	34.9	34.4	33.9	31.8	28.1	23.9	19.8	17.2	32
34		30	31.9	32.4	31.5	29.7	27	23.2	19.2	16.8	34
36		27.9	29.4	30	29.4	27.7	26	22.5	18.7	16.4	36
38		26.1	27.9	27.7	27.2	25.9	24.8	21.9	18.2	16.1	38
40		24.3	25.9	25.7	25.2	24.6	23.5	21.2	17.7	15.7	40
45			21.8	21.6	21.1	21.1	20.3	19.6	16.6	14.9	45
50			18.6	18.5	18.2	18.4	17.5	17.5	15.5	14.1	50
55			16.2	16	16.2	16	15.7	15.3	14.6	13.3	55
60				14	14.5	14	13.7	13.6	13.5	12.6	60
65				12.6	12.8	12.3	12.5	12.4	12	11.9	65
70					11.4	11	11.1	11	10.5	10.6	70
75					10.1	10.1	9.9	9.5	9	9.1	75
80						9	8.7	8.5	8.1	8.1	80
85						8.1	7.8	7.6	7.2	7.2	85
90							7.1	6.8	6.4	6.5	90
95							6.4	6.2	5.7	5.8	95
100							5.8	5.6	5.1	5.2	100
105								5	4.5	4.6	105
110								4.5	4	4.1	110
115									3.6	3.6	115
120									3.2	3.2	120
125										2.8	125
130										2.4	130

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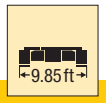
Lifting capacities
Forces de levage

TK



ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
	8 ft										
22	34.7	34.6	31.8	30							22
24	30.7	31.4	29.6	27.6	25.6						24
26	27.3	28	27	25.1	23.4						26
28	24.6	25.2	25.6	24.6	23	21.2	20.3				28
30	22.2	22.9	23.2	22.7	22.2	20.8	18.7				30
32	20.2	20.9	21.2	21.6	20.6	19.9	18.2	17			32
34		19.2	19.5	19.9	19.2	18.6	17.7	16.8	15.7		34
36		17.6	18	18.4	17.9	17.4	16.5	15.7	14.6	14.4	36
38		16.3	16.7	17	16.8	16.3	15.5	14.7	13.7	13.5	38
40		15	15.4	15.8	15.8	15.3	14.5	13.8	12.8	12.6	40
45			13	13.3	13.3	13.2	12.5	11.8	10.9	10.8	45
50			11	11.4	11.3	11.3	10.8	10.2	9.3	9.2	50
55			9.5	9.8	9.7	9.6	9.4	8.8	8	7.9	55
60				8.5	8.5	8.4	8.1	7.7	6.9	6.8	60
65				7.5	7.4	7.3	7.1	6.7	5.9	5.9	65
70					6.4	6.4	6.1	5.8	5.1	5.1	70
75					5.6	5.6	5.3	5	4.4	4.4	75
80						4.8	4.6	4.3	3.7	3.7	80
85						4.2	3.9	3.7	3.2	3.2	85
90							3.4	3.1	2.7	2.7	90
95							2.9	2.6	2.2	2.2	95
100							2.5	2.2	1.7	1.8	100
105								1.8	1.4	1.4	105
110								1.5			110

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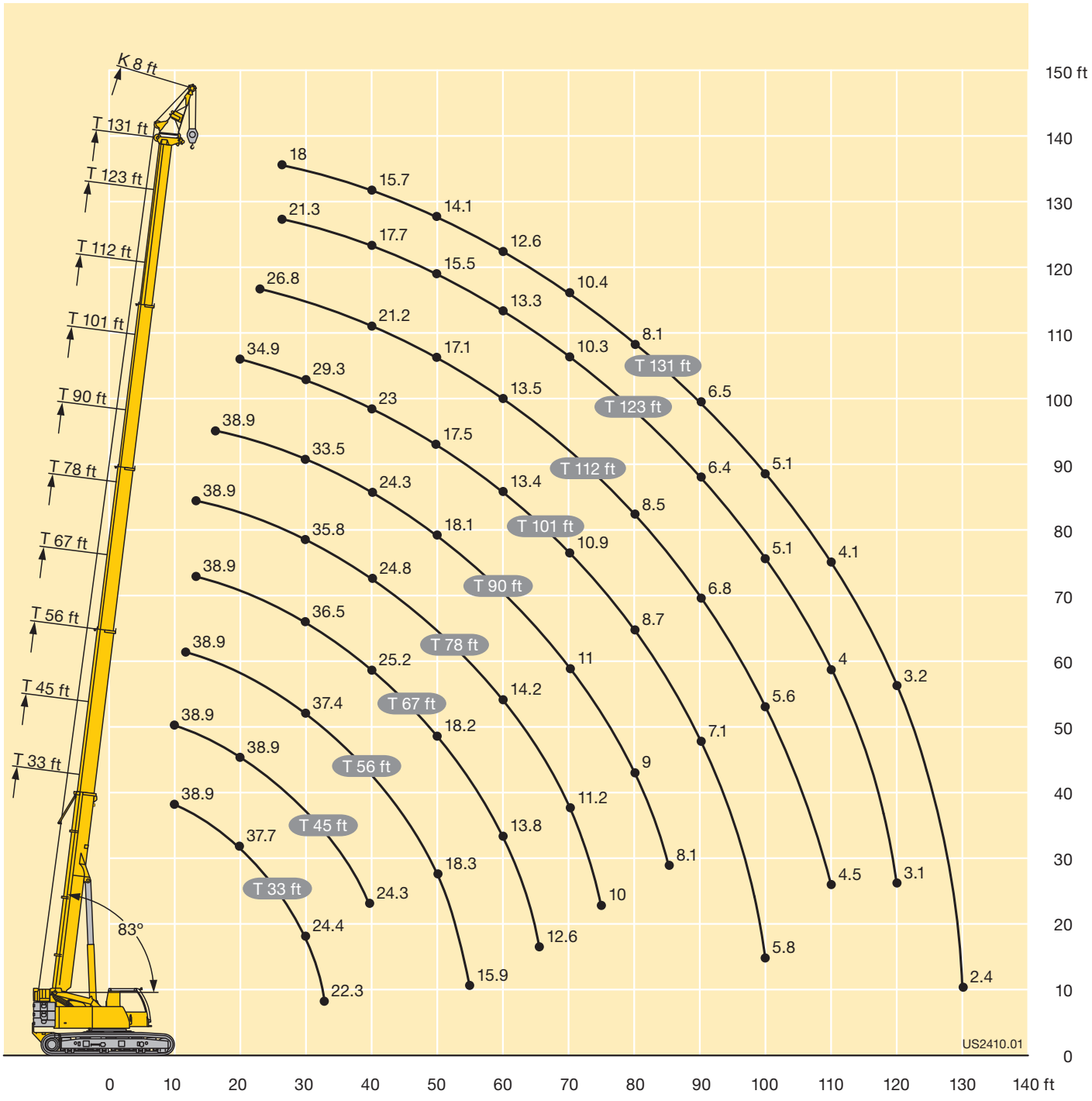
Lifting heights
Hauteurs de levage

TK



Technical description
Description téchniques

Crawler travel gear

Frame	Low torsion box construction, consisting of crawler center section and two crawler carriers.
Tracks	Maintenance free crawler tracks with 2'4" wide triple grouser track pads.
Travel drive	Per crawler carrier, a hydraulic travel drive consisting of an axial piston motor, planetary gear with spring-loaded hydraulically-releasable travel brake. The crawler chains can be controlled synchronously as well as independently and counter-rotating. Travel speed: 0 – 1.9 mph.
Central ballast	22050 lbs, placement blocks at 11025 lbs each, mounting on crawler center section.

Crane superstructure

Frame	In-house manufactured, weight optimized and torsion resistant welding construction fabricated from high tensile fine grain steel. As connection element to the crawler chassis serves a single row ball bearing slewing ring which allows for unlimited slewing.
Crane engine	4-cylinder diesel, made by Liebherr, type D934L A6, watercooled, output of 129 kW (175 h.p.) at 1900 rpm acc. to EPA/CARB Tier 3 and to directive 97/68/EC, stage 3, max. torque 600 lbs-ft at 1500 rpm, fuel reservoir: 119 gallons.
Crane drive	Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits. Compact hydraulic drive flanged to the Diesel engine. Drive assembly completely enclosed for noise abatment.
Control	Electric “Load Sensing” control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type). The crawler travel gear is operated via the 2 two-way controllable foot pedals. The crawler travel gear and the crane super-structure can be driven simultaneously.
Hoist gear	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
Luffing gear	1 differential ram with safety check valves.
Slewing gear	Axial piston fixed displacement motor, plane-tary gear, spring-loaded static brake, slewing gear invertible.
Crane cab	Large screen area, compound glass, comfort furnishing, cabin tiltable 20° to rear.
Safety devices	LICCON2 safe load indicator, test system, hoist limit switches, safety valves against rupture of pipes and hoses.
Telescopic boom	Buckling and torsion resistant design of high-tensile structural steel, oviform boom profile, 1 base section and 4 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system “Telematik”. 5 steel cable pulleys. Boom length: 33 ft – 131 ft.
Counterweight	12350 lbs
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

Additional equipment

Swing-away jib	Single folding jib, 31 ft long, installation at 0°, 20° or 40°. Double folding jib, 31 ft – 52 ft long, installation at 0°, 20° or 40°.
Erection jib	8 ft with steel cable pulleys.
2nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Additional counterweight	2 x 11025 lbs for a total counterweight of 34400 lbs.
Track pads	2'4" flat track pads.

Other items of equipment available on request.

Train de chenilles

Châssis	Construction en caisson indéformable haute résistance, constitué de la partie centrale du train de roulement et de deux longerons.
Train de roulement	Train de roulement sans entretien, muni de tuiles à 3 nervures, de 2'4" de large.
Transmission	Une transmission hydraulique par longeron, comprenant un moteur à cylindrée variable et pistons axiaux, un réducteur planétaire avec frein à ressort et à déblocage hydraulique. Les chaînes sont synchrones, indépendantes et une commande inversée est possible. Vitesse de translation: 0 – 1.9 mph.
Contrepoids central	22050 lbs, blocs de suspension de 11025 lbs chacun, fixation sur la partie centrale du train de roulement.

Partie tournante

Cadre	Fabrication Liebherr, structure mécano-soudée en acier allégé à haute résistance à grains fins. Une couronne d'orientation à une rangée de billes permettant une rotation illimitée sert d'élément de raccordement au train de chenilles.
Moteur	4 cylindres Diesel, fabrication Liebherr, type D934L A6, à refroidissement par eau, puissance: 129 KW (175 ch) à 1900 rpm selon EPA/CARB Tier 3 et selon directive 97/68 CE, niveau 3, couple maxi: 600 lbs-ft à 1500 rpm, capacité du réservoir de carburant: 119 gallons.
Entraînement de la grue	Diesel hydraulique avec 2 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés. Entraînement hydraulique compact, accouplé directement au moteur Diesel, mécanisme d'entraînement total fermé pour une bonne insonorisation.
Direction	Direction électrique «Load Sensing», 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocentrage. Le train de chenilles est actionné par 2 pédales à double commande. Le train de chenilles et la partie tournante de la grue peuvent être déplacés simultanément.
Mécanisme de levage	Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.
Mécanisme de relevage	1 vérin différentiel avec soupapes de retenu.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort, mécanisme d'orientation commutable.
Cabine de grue	Large champ de vision, vitrage de sécurité, équipement pour un confort idéal, cabine inclinable de 20° vers l'arrière.
Sécurités	Contrôleur de charge LICCON2, système test, fin de course crochet haut, clapets de sécurité en cas de ruptures de flexibles.
Flèche télescopique	Flèche télescopique en acier à haute résistance à grains fins, à profil ovale, 1 élément de base et 4 éléments télescopiques. Tous les éléments télescopables indépendamment les uns des autres. Système de télescopage séquentiel rapide «Telematik». 5 poulies de câble en acier. Longueur de flèche: 33 ft – 131 ft.
Contrepoids	12350 lbs
Installation électrique	Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

Equipement supplémentaire

Fléchette pliante	Fléchette pliante simple, longueur 31 ft, montable à 0°, 20° ou 40°. Fléchette pliante double, longueur 31 ft – 52 ft, montable à 0°, 20° ou 40°.
Fléchette de montage	8 ft avec poulies de câble en acier.
2ème mécanisme de levage	Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.
Contrepoids supplémentaire	2 x 11025 lbs pour un contrepoids total de 34400 lbs.
Tuiles	Tuiles plates de 2'4".

Autres équipements supplémentaires sur demande.

Description of symbols
Explication des symboles

General symbols
Symboles généraux

	Radius Portée
	Boom length Longueur de la flèche
	Boom position Position de la flèche
	Ground pressure Pression au sol
	Slewing gear / Working area Mécanisme d'orientation / Plage de travail
	over front / over rear ±10° en avant / en arrière ±10°
	Driving speed Vitesse de translation
	Counterweight Contrepoids
	Central ballast Contrepoids central
	Width crawler chassis Largeur du train de chenilles
	Total weight Poids total
	Hookblock / Capacity Moufle à crochet / Capacité de charge
	Hoist gear Treuil de levage
	Crane superstructure Partie tournante de la grue
	Standard Norme
	Gradability Aptitude à gravir les pentes
	Driving force Puissance propulsive

Crane specific symbols
Symboles spécifiques à la grue

	Telescopic boom Flèche télescopique
	Erection jib Fléchette de montage
	Swing away jib Fléchette pliante

Remarks referring to load charts

1. The lifting capacities do not exceed 75 % of the tipping load according to ASME B 30.5.
   The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
2. For the calculation of the load charts at least a wind speed of 30 ft/s (9 m/s, 20.1 mph) and regarding the load a sail area of 1 m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. Lifting capacities are given in kips.
4. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
5. Working radii are measured from the slewing centre.
6. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
7. Lifting capacities above 93250 lbs / 126500 lbs only with additional pulley block/special equipment.
8. Lateral inclination ± 0.3°.
9. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.

Remarques relatives aux tableaux des charges

1. La capacité de charge ne doit pas dépasser 75 % de la charge de basculement conformément à ASME B 30.5.
   La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
2. Une vitesse de vent de 30 ft/s (9 m/s, 20.1 mph) minimum, une surface de prise au vent de 1 m² par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Les charges sont indiquées en kips.
4. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
5. Les portées sont calculées à partir de l'axe de rotation.
6. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
7. Les charges supérieures à 93250 lbs / 126500 lbs seulement avec moufle additionnel/équipement supplémentaire.
8. Inclinaison latérale ± 0,3°.
9. Les données de cette brochure sont données à titre informatif. Ces renseignements sont sans garantie. Les consignes relatives à la bonne mise en service de la grue sont disponibles dans le manuel d'utilisation et le manuel de tableaux de charge.

Subject to modification / Sous réserve de modifications

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